



# HUD CDBG National Disaster Resilience Grant

Resilient America Roundtable  
June 19, 2018



# GRANT OVERVIEW



**Funded By:** US Dept. of Housing and Urban Development (HUD) and  
the Rockefeller Foundation

**Total Funding Available:** \$1 billion

**Funding Type:** Community Development Block Grant (CDBG)

**Applicant:** State of Iowa w/Partners including the City of Dubuque

**HUD CDBG – National Disaster Resilience Grant**

# IOWA WATERSHED APPROACH



## GOALS

- 1) Reduce flood risk
- 2) Improve water quality
- 3) Increase resilience
- 4) Engage stakeholders through collaboration and outreach/education
- 5) Improve quality of life and health, especially for vulnerable populations
- 6) Develop a program that is scalable and replicable throughout the Midwest and the United States



*Iowa National Guard*

# NDRG GRANT OVERVIEW

## Award Recipients

California - \$70,359,459

Connecticut - \$54,277,359

Iowa - \$96,887,177

Louisiana - \$92,629,249

New Jersey - \$15,000,000

New York - \$35,800,000

Virginia – 120,549,000

New York City - \$176,000,000

New Orleans - \$141,260,569

Minot, ND - \$74,340,770

Shelby County, TN - \$60,445,163

Springfield, MA - \$17,056,880

Tennessee - \$44,502,374



# GRANT OVERVIEW

## Dubuque Funding

- Funded activities included:
  - ✓ \$23.1 million for City of Dubuque infrastructure improvements
  - ✓ \$8.4 million for City of Dubuque housing improvements
- Funding Agreement between the City of Dubuque and the Iowa Economic Development Authority (IEDA)



# Housing Impact



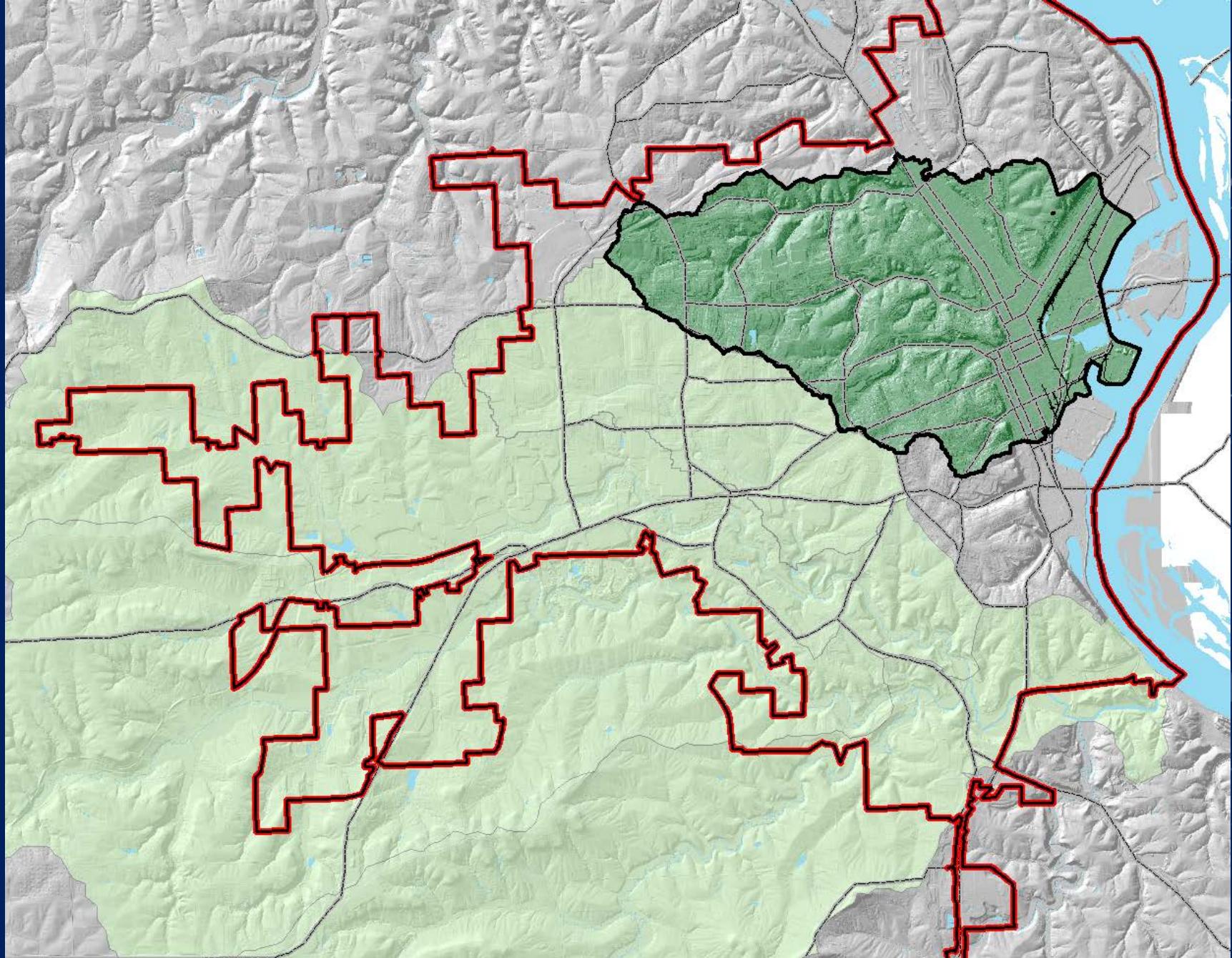
Over 50% of Dubuque's residents live or work in the Bee Branch Watershed

85% of properties are historic

57% over 100 years old



- City Limits
- Bee Branch Watershed
- Catfish Creek Watershed



# INFRASTRUCTURE IMPROVEMENTS

- Bee Branch Railroad Culvert Improvements;
- 22nd St./Kaufmann Avenue Storm Sewer Improvements; and
- 17th St./West Locust Storm Sewer Improvements

HUD CDBG – National Disaster Resilience Grant



# Railroad Culverts



**Damaged in July of 2011**



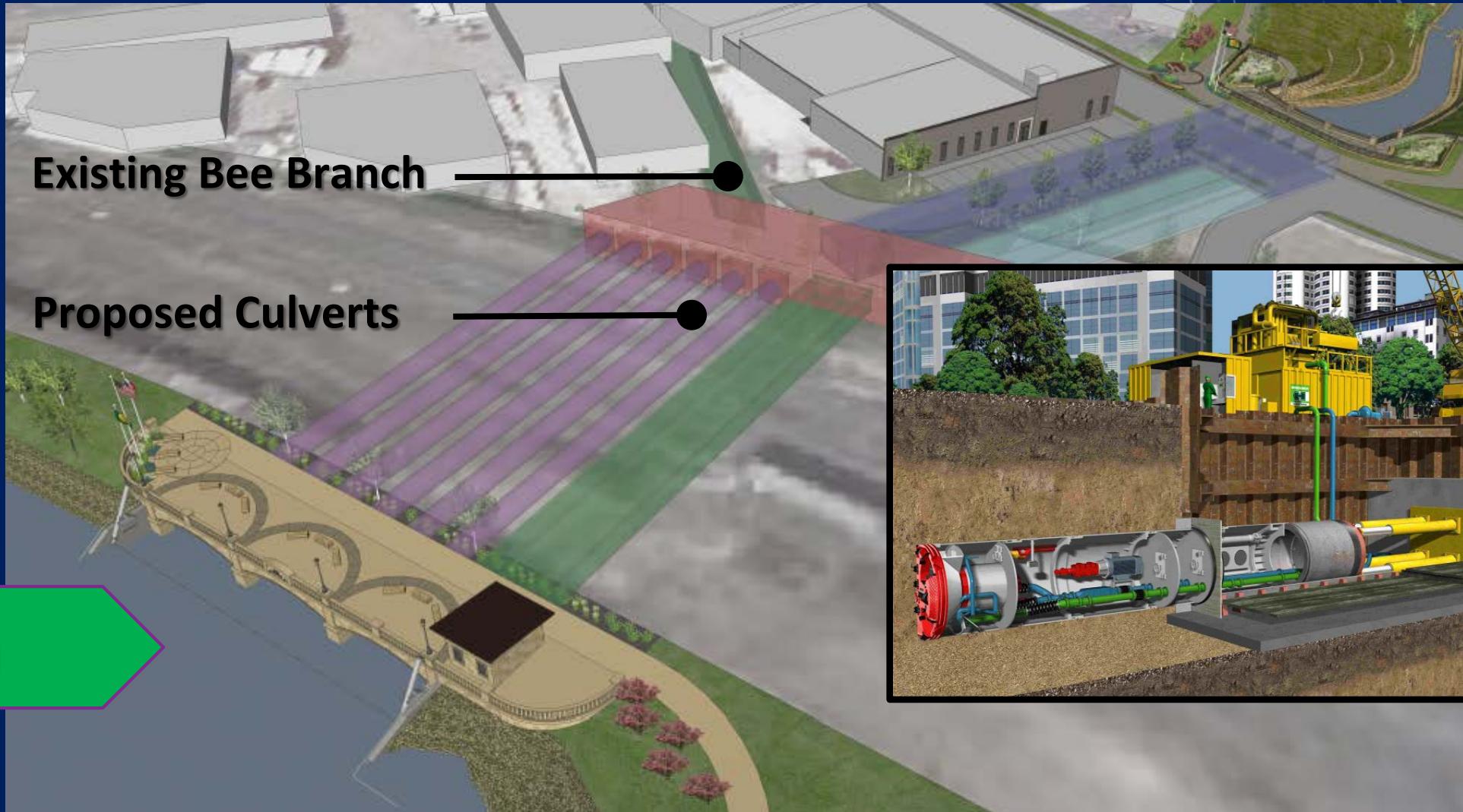
**HUD CDBG – National Disaster Resilience Grant**



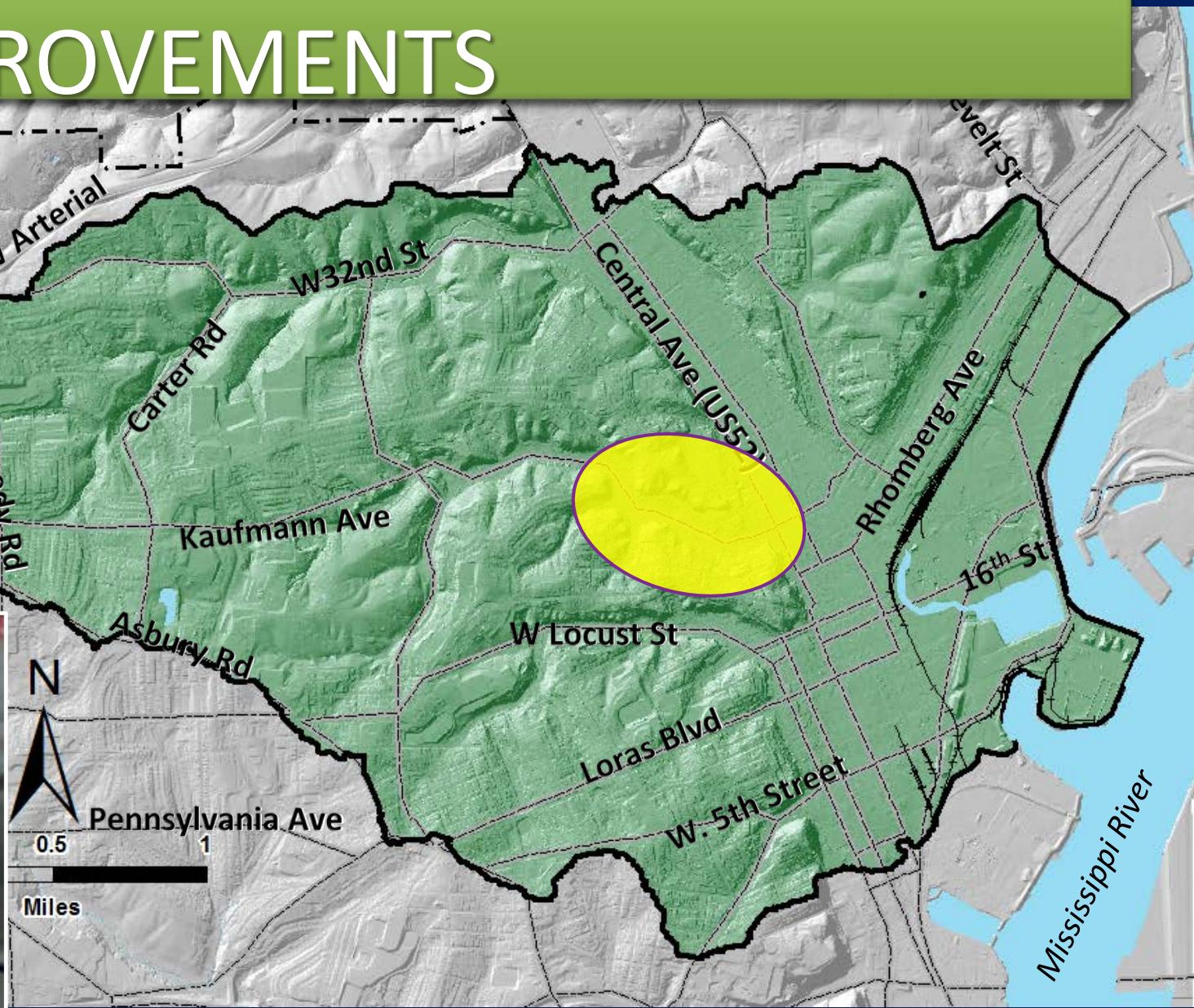
# BEE BRANCH RAILROAD CULVERTS



\$9 million



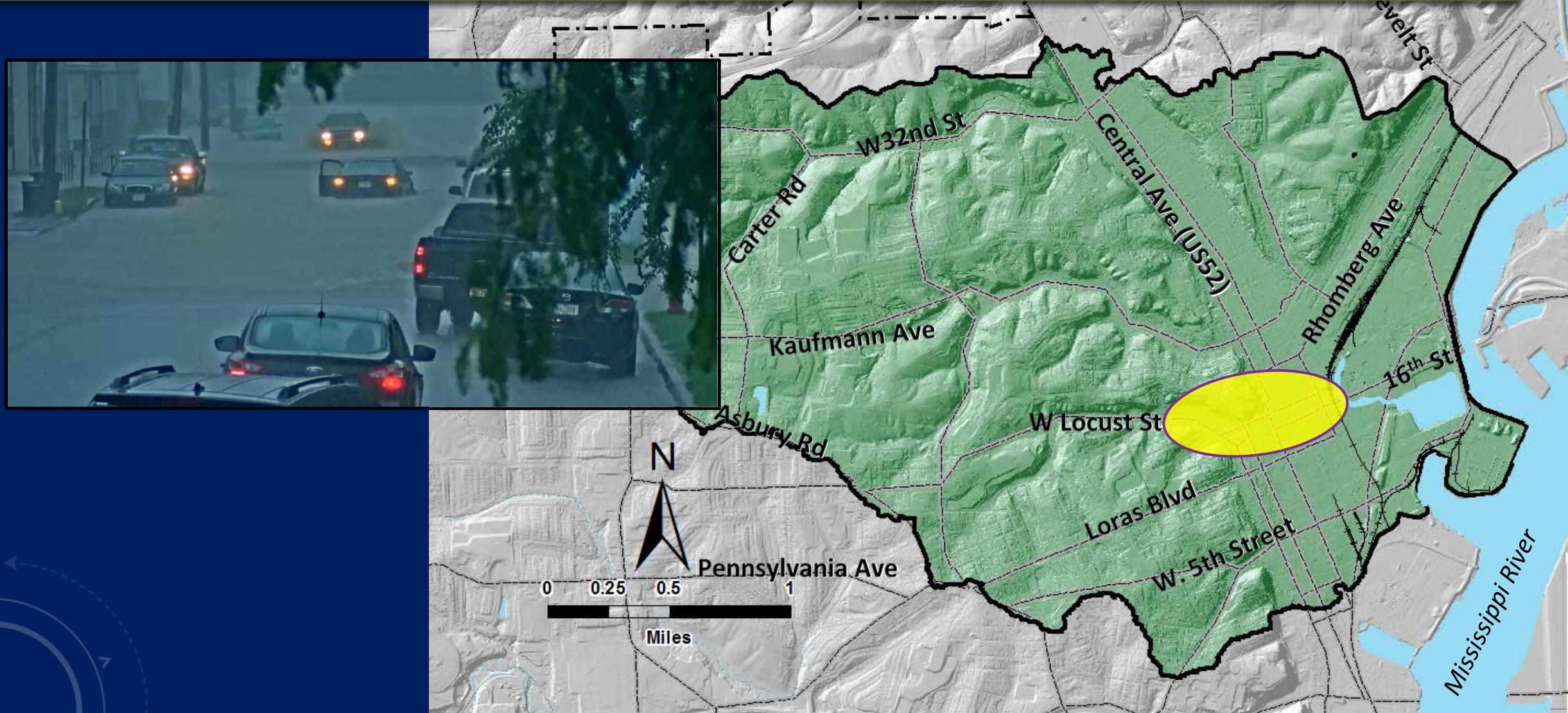
# 22<sup>ND</sup> ST./KAUFMANN AVE STORM IMPROVEMENTS



# 22<sup>ND</sup> ST./KAUFMANN AVE STORM IMPROVEMENTS



# 17<sup>th</sup> St./W. Locust St. Storm Improvements



# 17<sup>TH</sup> ST./W. LOCUST ST. STORM IMPROVEMENTS



\$2.6 million



# RESTORED BEE BRANCH CREEK



Upper Bee Branch



Lower Bee Branch

# INFRASTRUCTURE IMPROVEMENTS

## Funding Breakdown, Leverage and Braiding of Funds

### Funding Sources

HUD CDBG-NDR Grant

SRF Loan

State Sales Tax Increment

Storm Water Utility



# Bee Branch Healthy Homes Resiliency Program

## **\$8.4 Million to Improve Housing Unit Resilience**

In January of 2016 the US Dept. of Housing and Urban Development (HUD) awarded funding to communities that had experienced recent natural disasters.

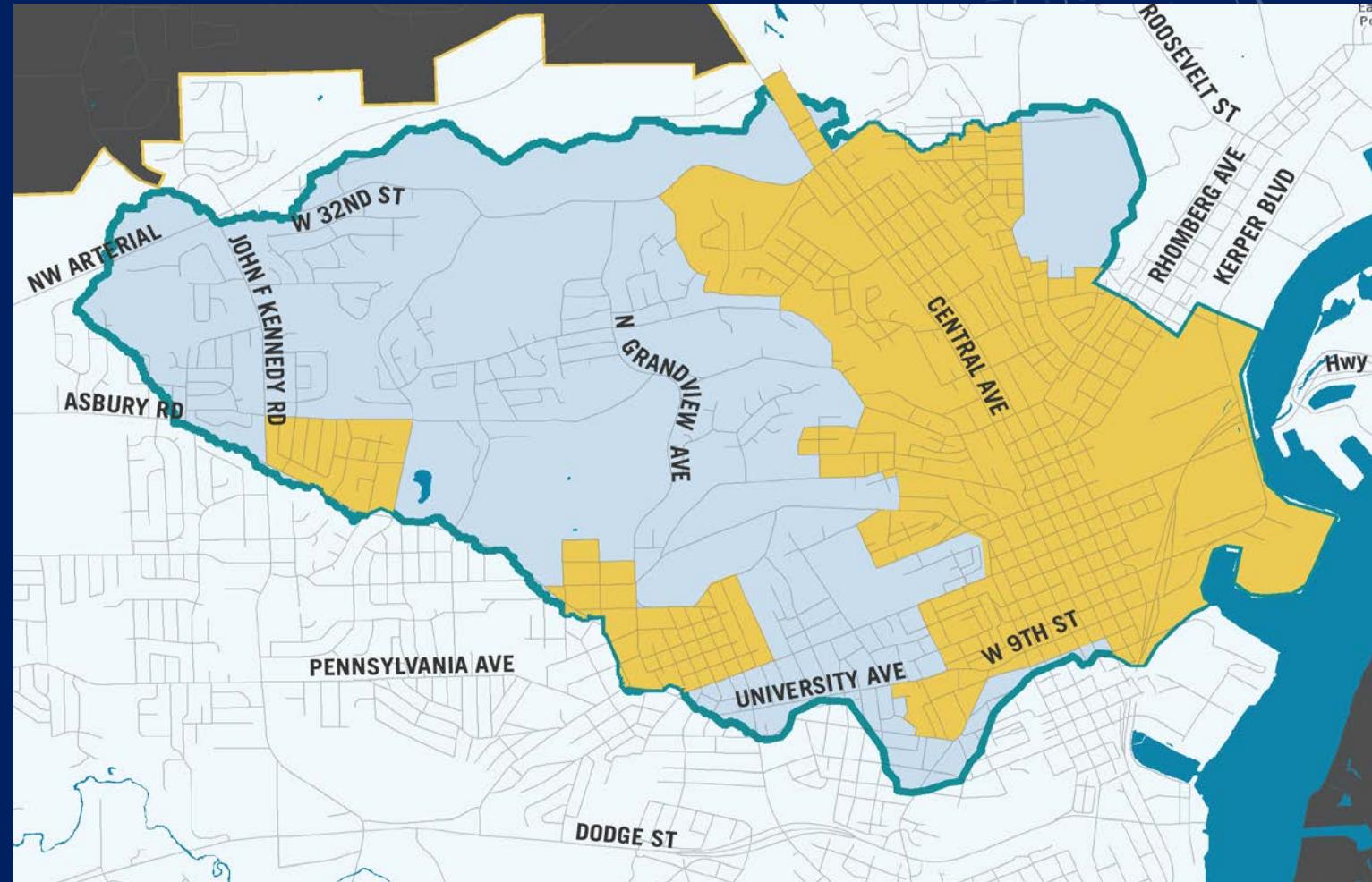
This is a 5 year program to address health and safety issues related to water intrusion in the home. It also includes a advocacy component that assesses the family's ability to overcome adverse situations.



# Bee Branch Healthy Homes Resiliency Program

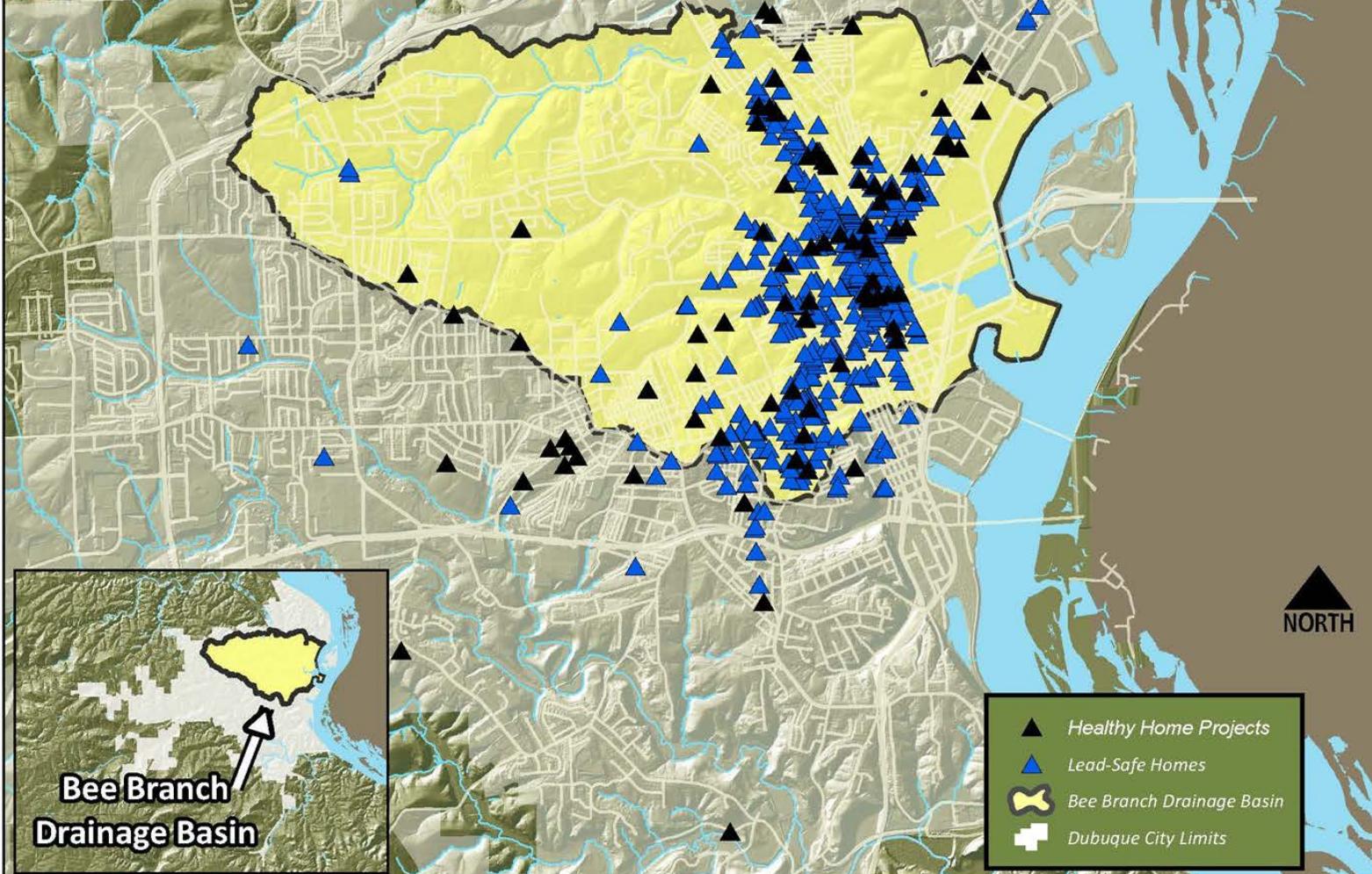
Who is eligible to participate?

1. Property is located in eligible area.
2. Household income is under 80% Area Median Income.



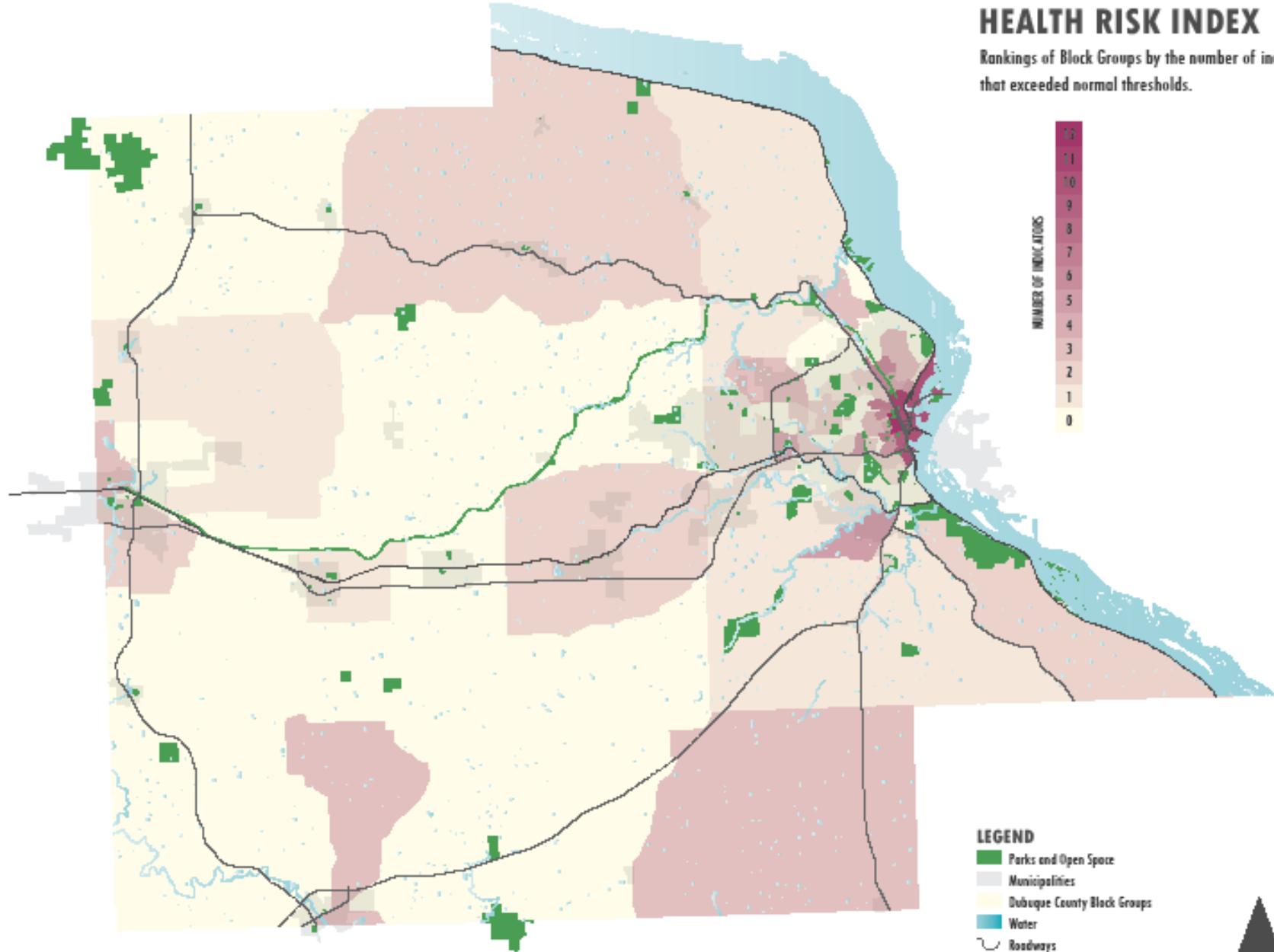
# Healthy Home & Lead-Safe Home Projects

## City of Dubuque, IA



## HEALTH RISK INDEX

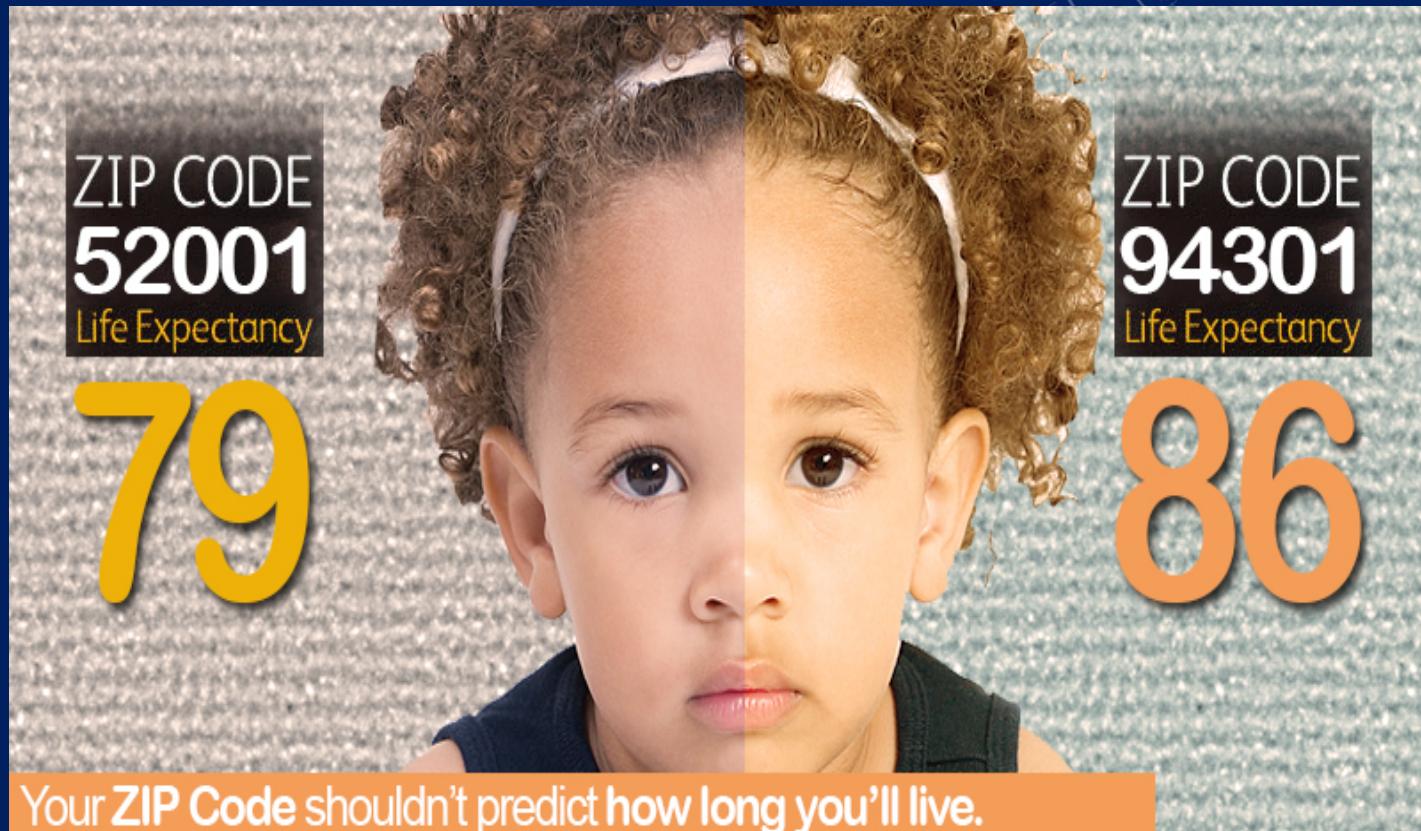
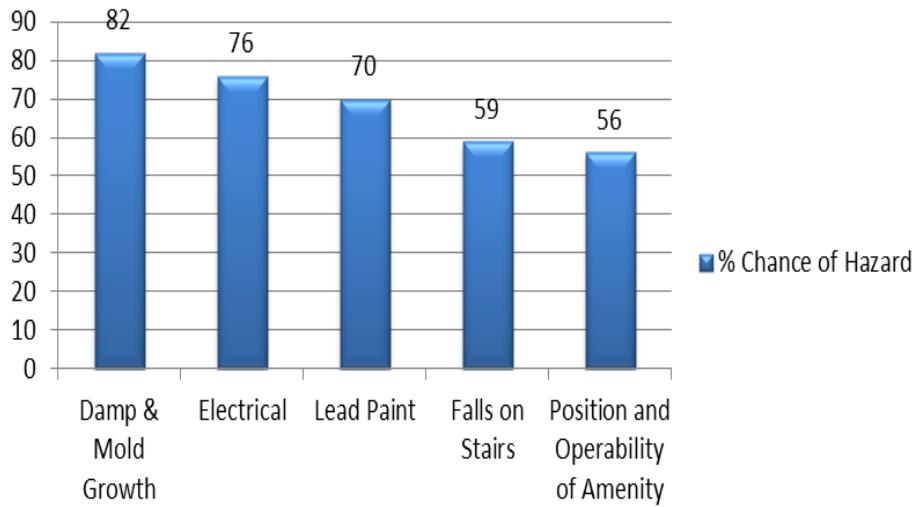
Rankings of Block Groups by the number of indicators that exceeded normal thresholds.



# Bee Branch Healthy Homes Resiliency Program



## 5 Most Common Hazards Found in Dubuque Homes



# Bee Branch Healthy Homes Resiliency Program



# Bee Branch Healthy Homes Resiliency Program



## Advocacy Model

- **Home Visitation** by the Advocate to each participant's home
  - On average advocates spent (23.2) hours per single family unit and (18.5) hours per multi-family unit, on completed projects to date
- **Identify** Resident Needs and Challenges
  - Top (5) Referrals by volume: Weatherization, Carbon Monoxide Detector, Education, Home Maintenance, Dental
- **Provide** Resources and assistance
  - Aim to remove barriers to achieve goals, follow up with providers, meet with partners, personal resilience plan

# WHO ARE OUR PARTICIPANTS?



- 16% are disabled
- 60% are women
- 77% are insured through Medicare/Medicaid/TXIX
- 2% are Hispanic
- 6% are Asian/Pacific Islander
- 25%\*\* identify as African American or partially African American

# Bee Branch Healthy Homes Resiliency Program

Intake Challenges



Attrition Tracking



Advocate  
Resource  
Referral



Networking  
Resource  
Connection  
Used

DATA ECOSYSTEM



Better:  
Comprehension  
Utilization  
Circumstance



# Bee Branch Healthy Homes Resiliency Program

## INTAKE CHALLENGE BUCKETS

25.8%

### HEALTH

Health insurance  
Dental insurance  
Dental Home  
Dental Need Gap  
Smoking  
Medical Equipment  
Food  
Pests  
Mental Illness  
Blood lead levels  
Nutrition  
Medical Home

10.8%

### ECONOMIC

Underemployed  
Unemployed  
Financial  
Utility Bill  
Childcare \$\$

6.9%

### EDUCATION

Skills Gap  
NICC Cert  
Parent Education  
Absenteeism  
IEP-Child  
School Supplies  
K-12

19.5%

### SOCIAL

Childcare  
Youth Activity  
Parent Education  
Food  
Legal  
Transportation  
Clothing  
Pests  
Housing  
Counseling  
Social Support (lack of)

36.9%

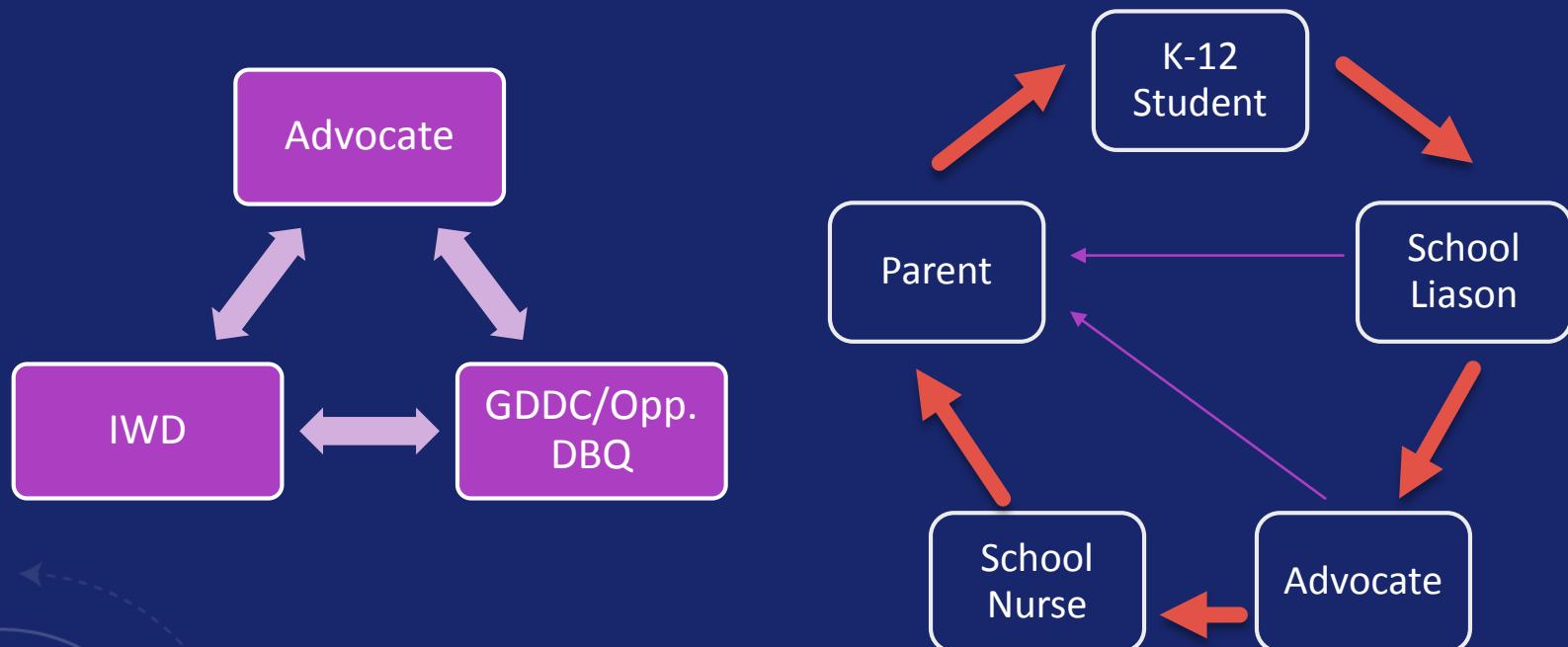
### BUILT ENVIRONMENT

Home Maintenance  
Weatherization  
CO2/Smoke alarm  
Lead Hazards  
Pest Control

# UNIQUE STRATEGIC PARTNERSHIPS FORMED

## NETWORK WEBS FORMED

Measure number of strategic stake holder partnerships formed and unique agency referral partners



# Bee Branch Healthy Homes Resiliency Program







Before basement  
was full of items  
absorbing moisture  
and dirt was running  
through foundation.



After new floor, foundation tuck  
pointing, perimeter drain tile, dimple  
board, sump with battery back up.

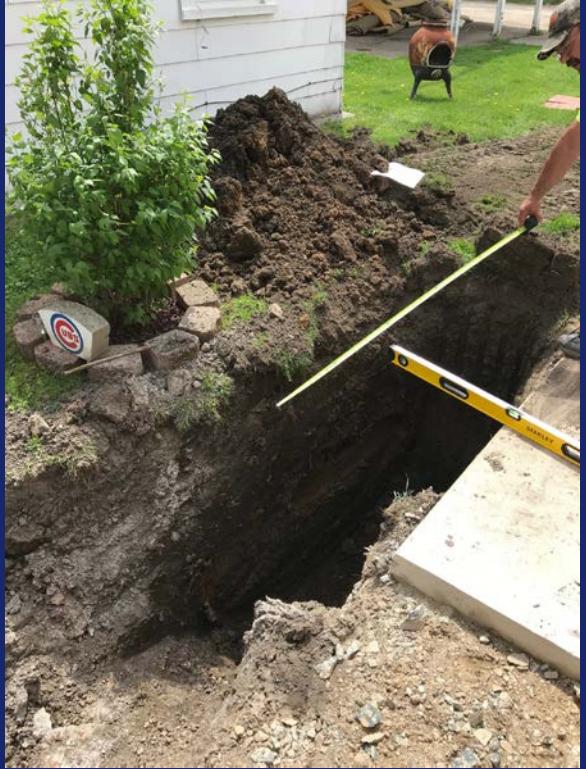


Existing gutter system draining to rear of home.



Sock covered drainage tile  
terminating in to drywell

# ONSITE STORM WATER RETENTION



Common repairs completed to reduce water intrusion:

Furnace and Water Heater upgrades (elevation), sump pump with battery back up, soil modifications to improve drainage, gutters and downspouts, foundation repairs



BBHH Story Map of Completed properties and Program Information:  
[www.cityofdubuque.org/bbhh](http://www.cityofdubuque.org/bbhh)



# Bee Branch Healthy Homes Resiliency Program

## *Property production thus far:*

- (93) Applications Approved
- (55) Unit contracts awarded
- On average \$17,841 spent per unit



# Bee Branch Healthy Homes Resiliency Program

Program Outcome Goal: Long Term

Replicable Model:

This grant is a pilot program that will create a model for other communities to apply the principles and adjust outcomes to better reflect the specific flood and social resilience needs they may have



# HUD CDBG National Disaster Resilience Grant

# Questions?



Sharon Gaul  
City of Dubuque  
Resiliency Coordinator  
[www.cityofdubuque.org/bbhh](http://www.cityofdubuque.org/bbhh)

[sgaul@cityofdubuque.org](mailto:sgaul@cityofdubuque.org)

