Achieving CRS Success Through Acquisition and Relocation Shelby, Ohio

2017 CRS for Community Resilience Workshop
Ottawa National Wildlife Refuge
September 20, 2017

Presented by:
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City Floodplain Manager

Flooding History

- The City of Shelby has experienced numerous major flood events over the years.
- 1899, 1913, 1959, 1987, 2007, 2011, 2013
- There have been other minor flooding events over the years, including this year.

SHS CLASS OF
67
H&R BLOCK
PEPSI
APOLI
PIZZARIA

Main Street bridge overflow
Middle and elementary school, flooded

Evacuating the fire station

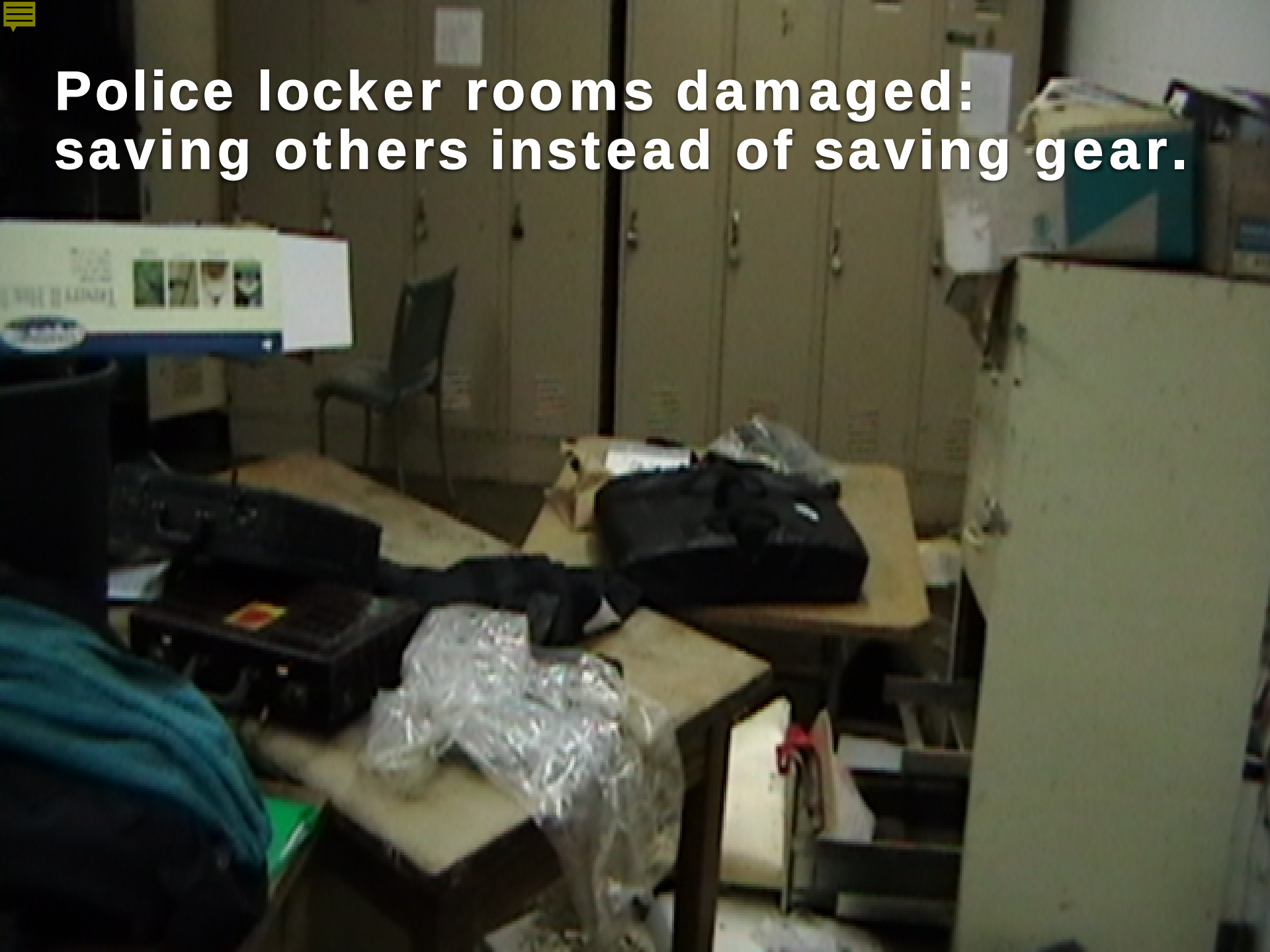
Fire and Police service on opposite sides of river

Fire and Police service on opposite sides of river

Public safety risking lives to save others…

MWCD RANGER
RANGER

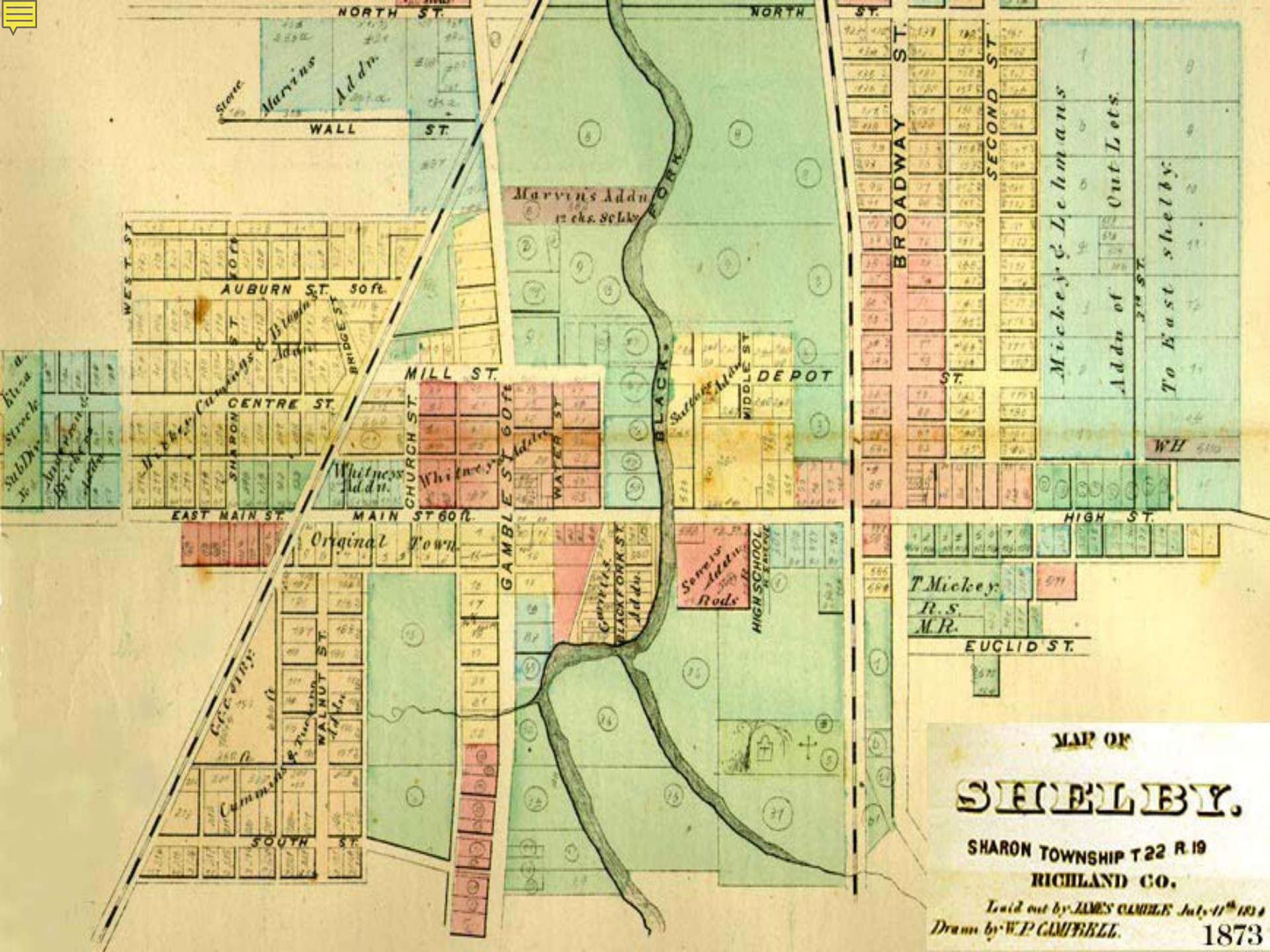
WELCOME SHS CLASS OF
67
MASONIC
TEMPLE
H&R BLOCK
PEPSI
NO PARKING TO CORNER
2 HR PARKING 8:00 AM TO 6:00 PM


Police locker rooms damaged:
saving others instead of saving gear.

Flooded Jail Cell

Fire Station after water recedes.
Marking high water mark.

Basement of City Hall


MAP OF
SHELBY.
SHARON TOWNSHIP T 22 R 19
RICHLAND CO.
Drawn by W.P. CAMPBELL.
1873
NORTH ST.
WALL ST.
Marvins Addn.
Marvins Addn
BROADWAY ST.
SECOND ST.
Mickey & Lehmans Addn of Out Lots.
To East Shelby.
WEST ST.
AUBURN ST. 50 ft.
CENTRE ST.
MILL ST.
DEPOT ST.
MIDDLE ST.
BRIDGE ST.
SHARON ST.
CHURCH ST.
GAMBLE ST. 60 ft.
WATER ST.
BLACK FORK
Whitney Addn.
EAST MAIN ST.
MAIN ST. 60 ft.
Original Town
HIGH ST.
HIGH SCHOOL
Sewers Addn.
Rods
T. Mickey
R.S.
M.R.
EUCLID ST.
WALNUT ST.
SOUTH ST.

Football field under water in 1913.

Photo Courtesy
Shelby Museum

Football field under water, 2007

Football field under water, 2007

Football field under water, 2007

Football field under water, 2007

Bus garage

SHELBY SCHOOL AUDITORIUM 1959
SHELBY, OHIO

Ramifications of Flooding

- Extra efforts required by Safety Forces
- Damage to Buildings
- Public Buildings
- School Buildings

NO
PARKING
(THIS SIDE
OF STREET)

Flood debris clean up.

PEPSI
RACING
24
Sports Illustrated
ALL STARS
Gettysburg

HANCOCK
AGENCY
419-342-630
164

Downtown Flooding

164

Next Step?

So what does a City do next?

Next Step?

- Rebuild or Demolish?
- City Floodplain Regulations do not allow Substantially Damaged Homes or Buildings to rebuild without coming into compliance with the floodplain regulations.
- The City had 26 homes that met the definition of Substantially Damaged
- 26 Families who could not move back into their homes

Mitigation Time!

- The City of Shelby chose to apply for Federal and State Mitigation funds to acquire and demolish houses.
- The City was successful in obtaining 4 different grants with a total cost of $3,538,867.00
- Total City investment of $1,009,508.00

Leslie Lane, 2007

Leslie Lane, 2011

Leslie Lane, 2017

Central Ave., 2007

Central Ave., 2017

Photo Courtesy
Shelby Museum
vatching the Rescue of Flood suffers Shelby O.

City Buildings

- To get out of the floodplain
- City Hall moved up the street and out of the floodplain.
- Shelby voters passed two levies. One for a 28 million dollar high school.

Shelby Middle School - Then

Same spot, today.

New High School

City Buildings

- To get out of the floodplain
- City Hall moved up the street and out of the floodplain.
- Shelby voters passed two levies. One for a 28 million dollar high school.
- Shelby voters passed an 8 million dollar levy for a new Justice Center
- The City also tore down other structures and made modifications to structures

Justice Center 2007

New Justice Center, today.

1913 Flood

2011 Flood

SHS CLASS OF
67
H&R BLOCK
PEPSI
APOLI
PIZZARIA
EMERGENCY
SNOW
STREET

2011 Flood

This building is green space today!

Transformed this storage unit to…

...an open space pavilion, today!

Green Space

- What to do with all of the green space now created?
- The city hired a landscape architect to formulate a plan for a new park.

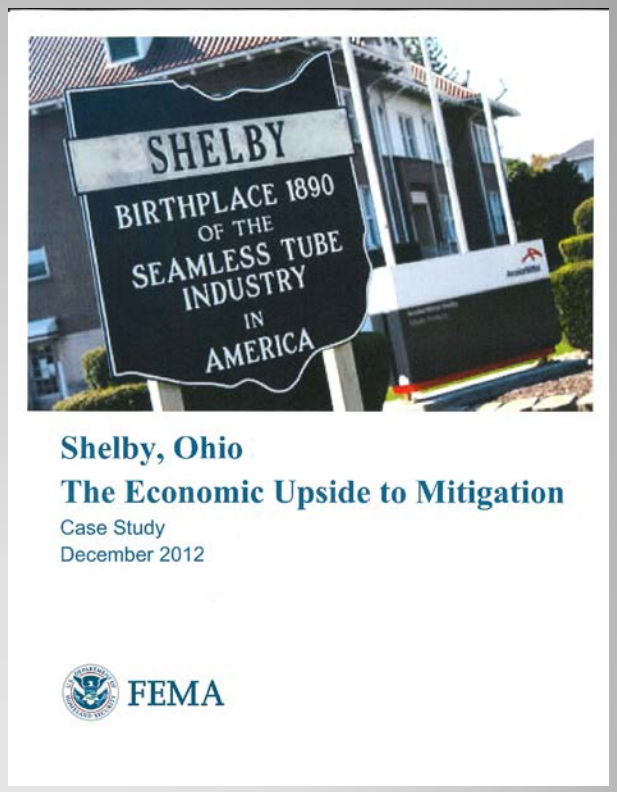
PAUL WAKELEY

FEMA

- In 2012, FEMA went to the OEMA.
- There concern was that they were spending millions of dollars on mitigation. What was happening to the land afterwards. They wanted to know what the next step was.
- OEMA told them to go to Shelby and see what was happening.

FEMA

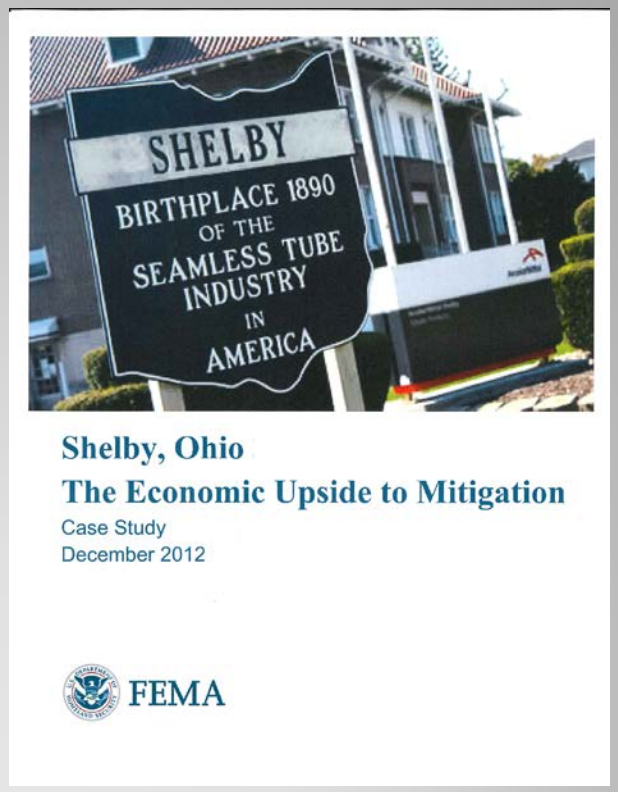
- City officials met with FEMA
- We showed them the plans of the park and our plans with MWCD
- They like what they saw and published a case study titled, *Shelby, Ohio: The Economic Upside to Mitigation*



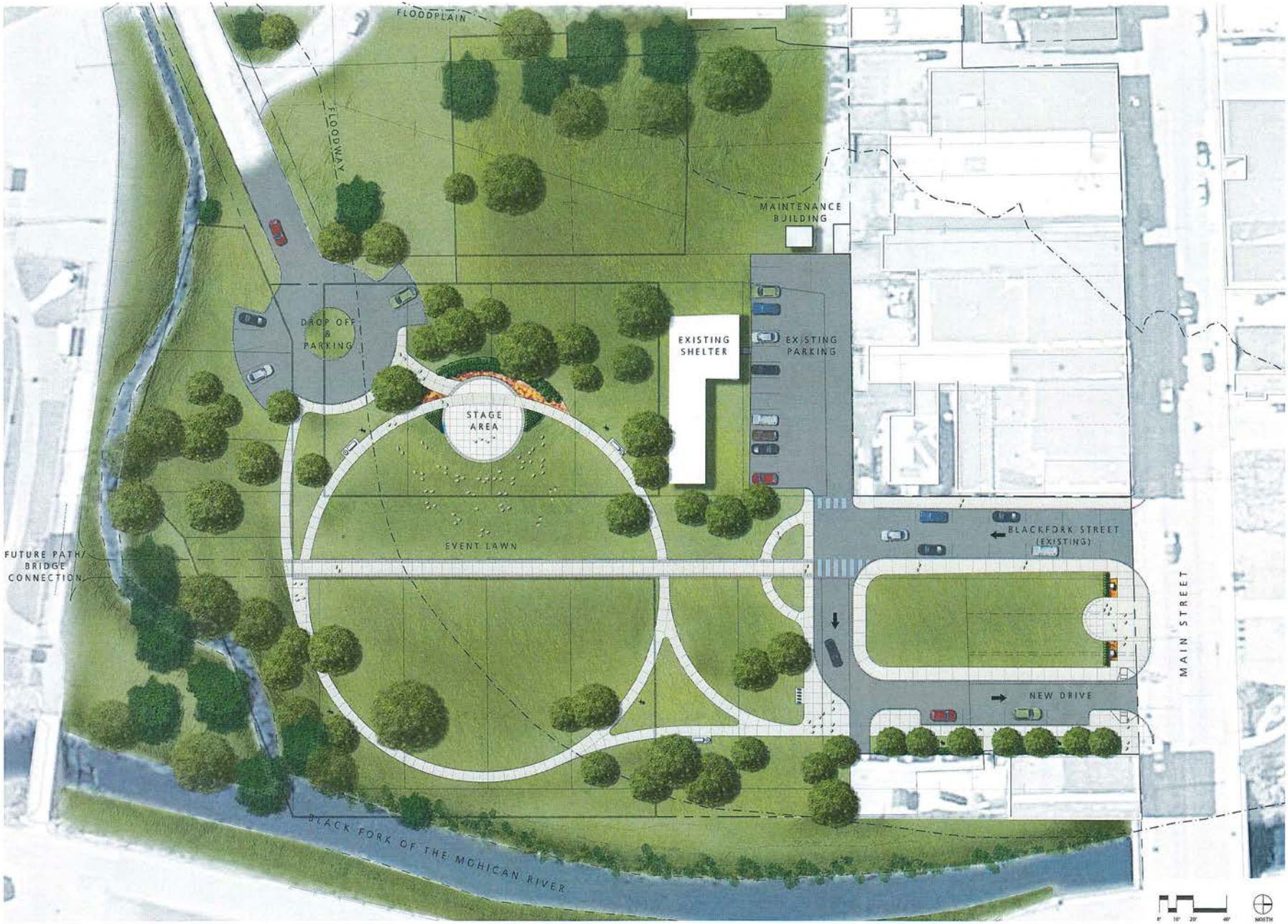
FEMA

- This study went into details of our mitigation efforts and plans for a new park
- It discusses the economic impact that the park could have on our downtown.

"Their efforts are to be commended and should be a vision for other communities across the country experiencing reoccurring disasters"



Groundbreaking Ceremony



SCHEMATIC SITE PLAN

January 13, 2014

BLACKFORK COMMONS ▪ Prepared for City of Shelby Park Board

EDGE

- The properties purchased through the FEMA Mitigation Grants included deed restrictions stating that the property had to be maintained as open space.
- The City of Shelby received a significant amount of points in Activity 520 and was moved to a Class 8 Community
- The City went from having over 30 properties on the Rep Loss List to 7
- We now have a thriving park which hosts major events

Farmers Market

Bicycle Days

Bicycle Days

Summary

- The city now has a thriving area with a new park
- Increased economic development
- Higher CRS Class for cheaper flood insurance for our residents
- Residents who do not have to worry every time it rains
- Future features are a restroom and an amphitheater

Contact Info:

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Resources

Shelby and the Black Fork Park (YouTube Video)
http://www.youtube.com/watch?v=yQdB1med3rc

FEMA Report, *Shelby, Ohio: The Economic Upside to Mitigation (December 2012)*
http://www.fema.gov/media-library-data/20130726-1859-25045-6404/shelby_final_case_study_508.pdf