



National Disaster
Resilience Competition
Grant

April 20, 2016

www.resilientshelby.com

Team Introductions



Shelby County Resilience Council:

Tom Needham, Public Works

Rick Copeland, Planning and Development

John Zeanah, Planning and Development

Jim Vazquez, Housing

Scott Walkup, Housing

Levell Blanchard, Office of Preparedness

Manny Belen, City of Memphis Engineering

2-Phase Competition





GREENPRINT FOR RESILIENCE

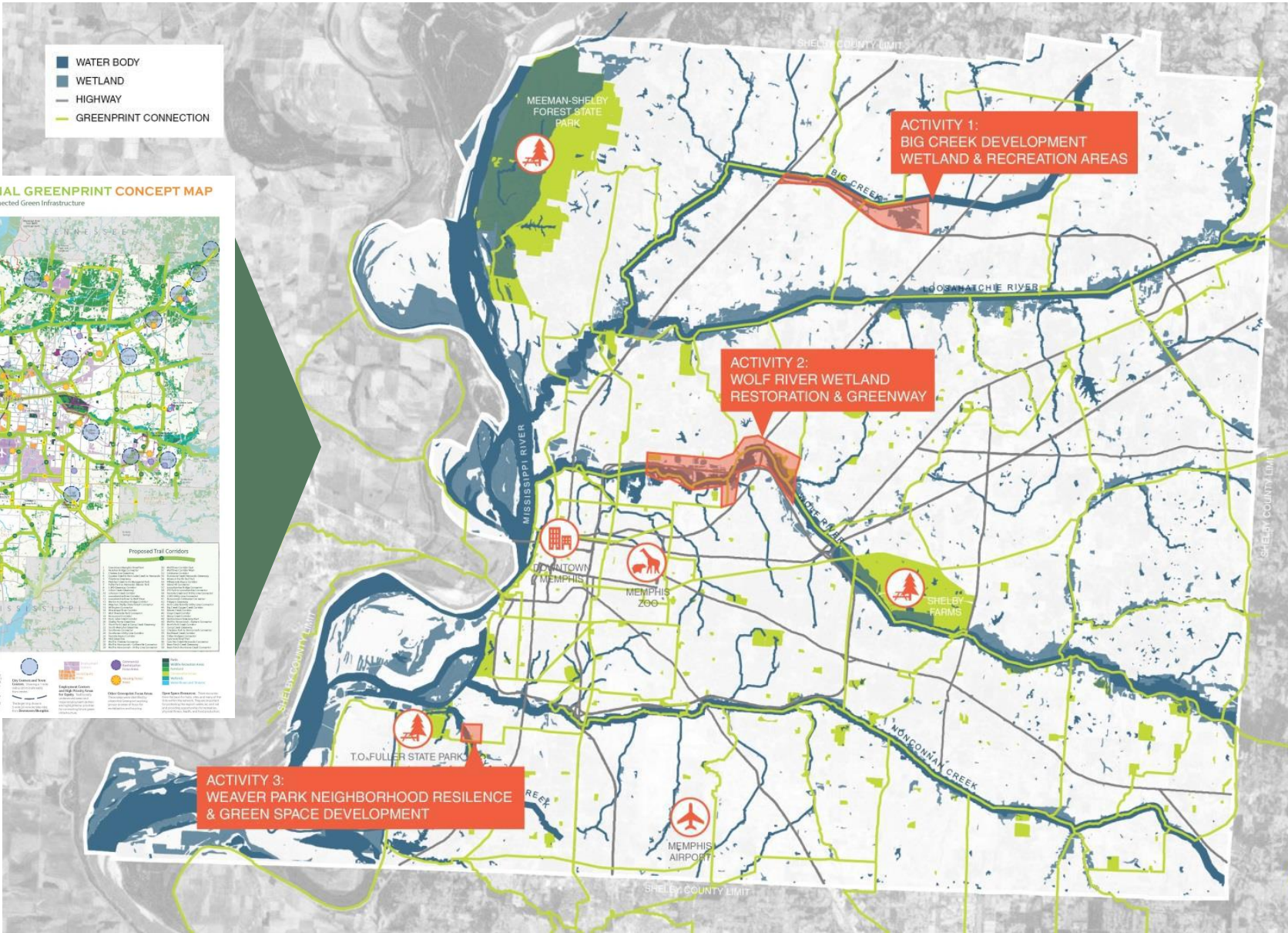
Making Room For The River

Awarded \$60,445,163

Leverage: \$35,600,000

- WATER BODY
- WETLAND
- HIGHWAY
- GREENPRINT CONNECTION

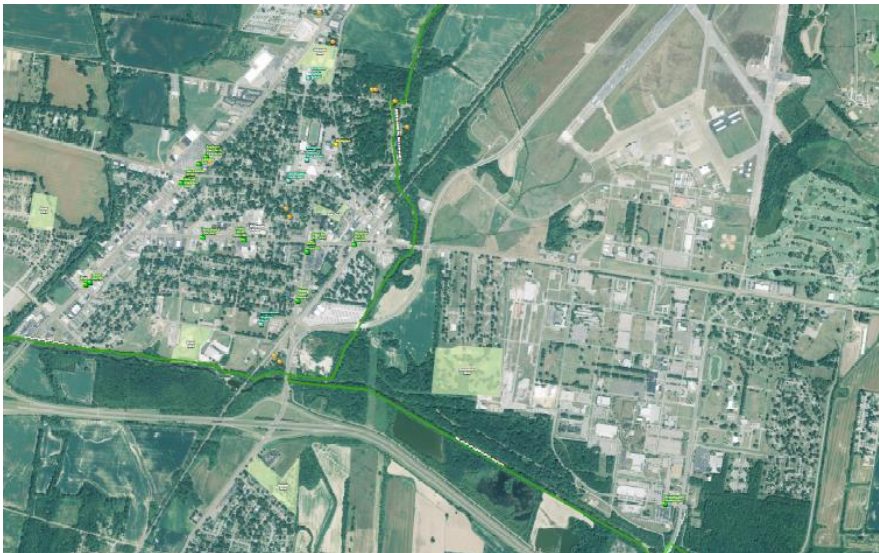
MID-SOUTH REGIONAL GREENPRINT CONCEPT MAP Concept for a Regional Network of Connected Green Infrastructure



Activity 1: Big Creek

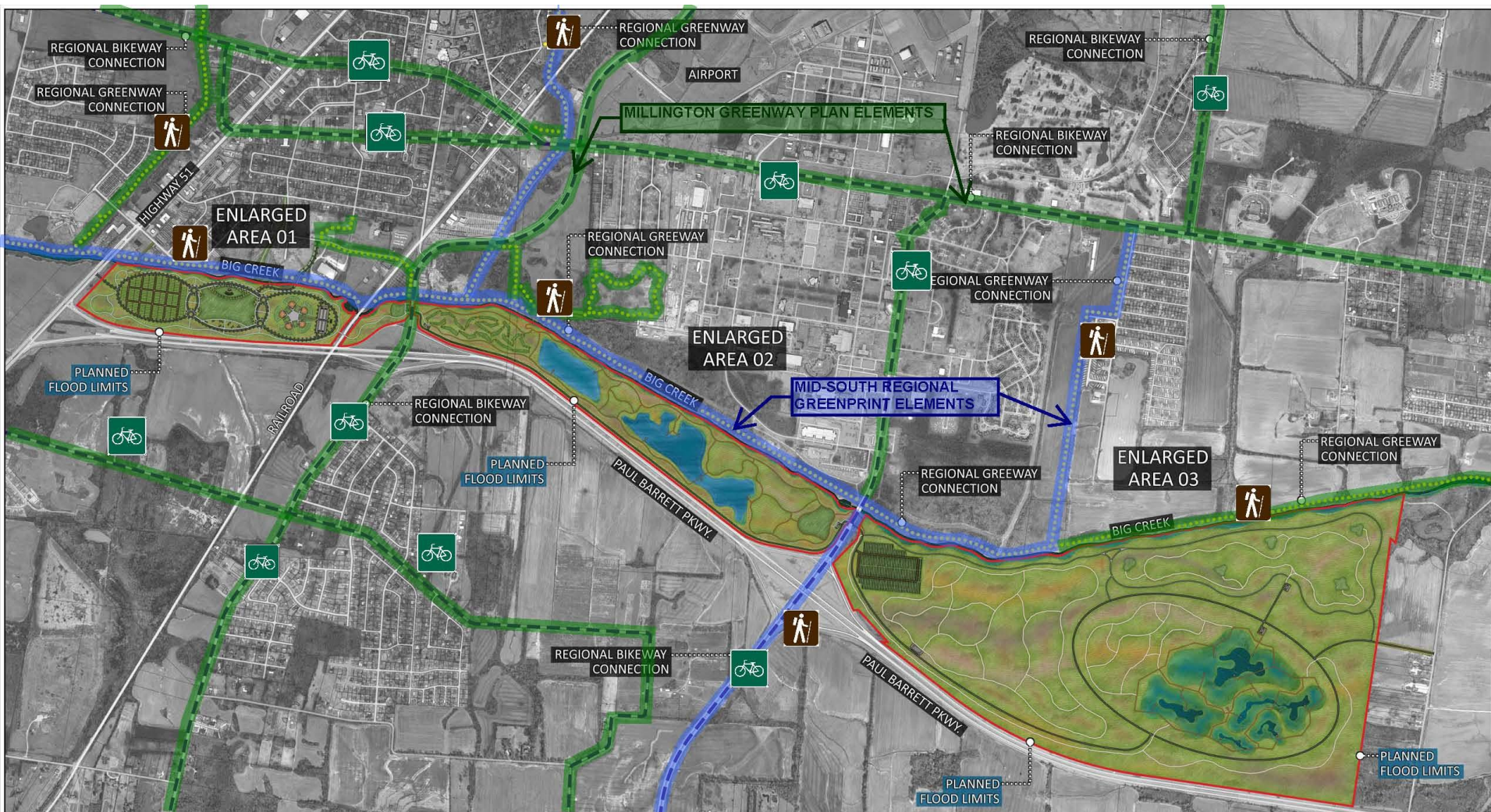


- Re-establishment of wetlands and other flood storage to accommodate water flow
- Better protection for nearby LMI homes and Naval Operations
- Creation of multi-purpose trails and greenspace
- Local food production



Grant Budget: \$29,447,227

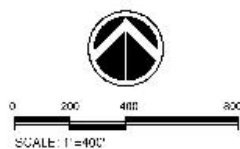
Commitment: \$10,000,000 (Shelby County, State of TN, Millington)





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SHELBY**

SHELBY COUNTY, TN
National Disaster Resilience
Competition-Phase II
U.S. Department of Housing
and Urban Development



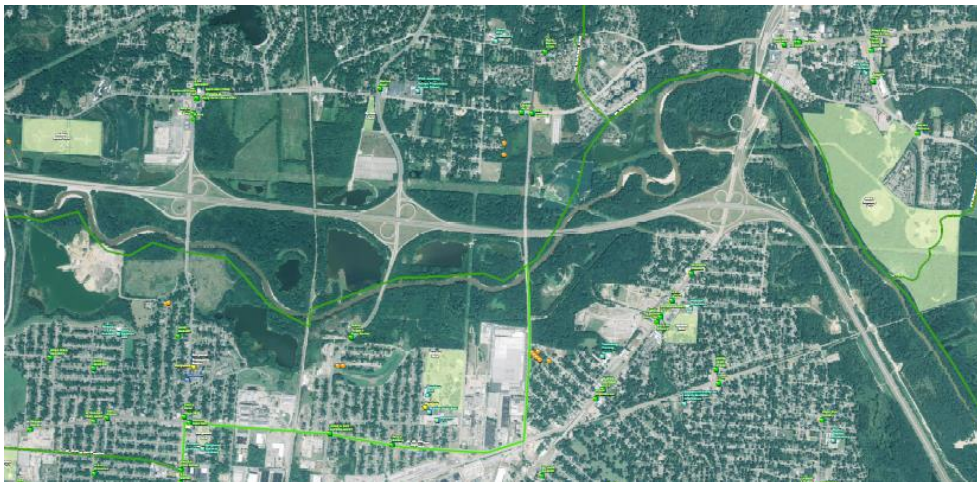
BWSC
Kimley»Horn
S A S A K I

GREENPRINT FOR RESILIENCE
MAKING ROOM FOR THE RIVER

FIGURE E-3
AREA 1 PHASING

**CONNECTING
COMMUNITIES**

Activity 2: Wolf River



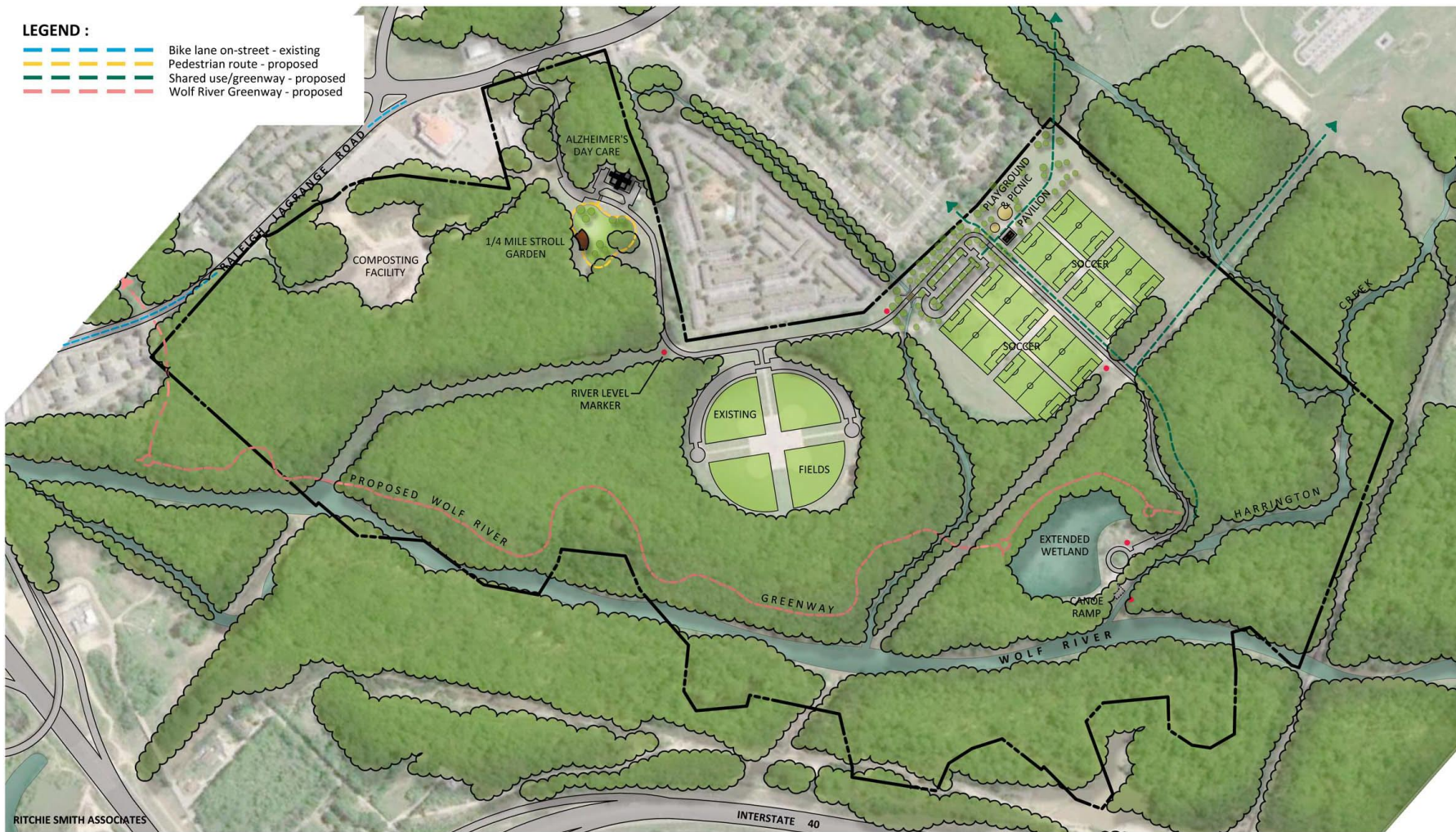
- Re-establishment of wetlands and other flood storage to accommodate water flow
- Better protection for nearby and downstream LMI homes
- Contribute to Wolf River Greenway
- Add new park amenities at Rodney Baber Park (Frayser) and Kennedy Park (Raleigh)
- Green street on Orchi, bike lanes on Highland

Grant Budget: \$18,260,842

Leverage: \$34,000,000 (\$31.5M-WRC, \$2.5M-city stormwater fund)



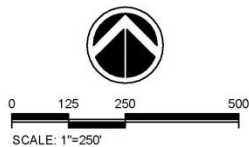
- LEGEND :**
- Bike lane on-street - existing
 - Pedestrian route - proposed
 - Shared use/greenway - proposed
 - Wolf River Greenway - proposed





**RESILIENT
SHELBY**

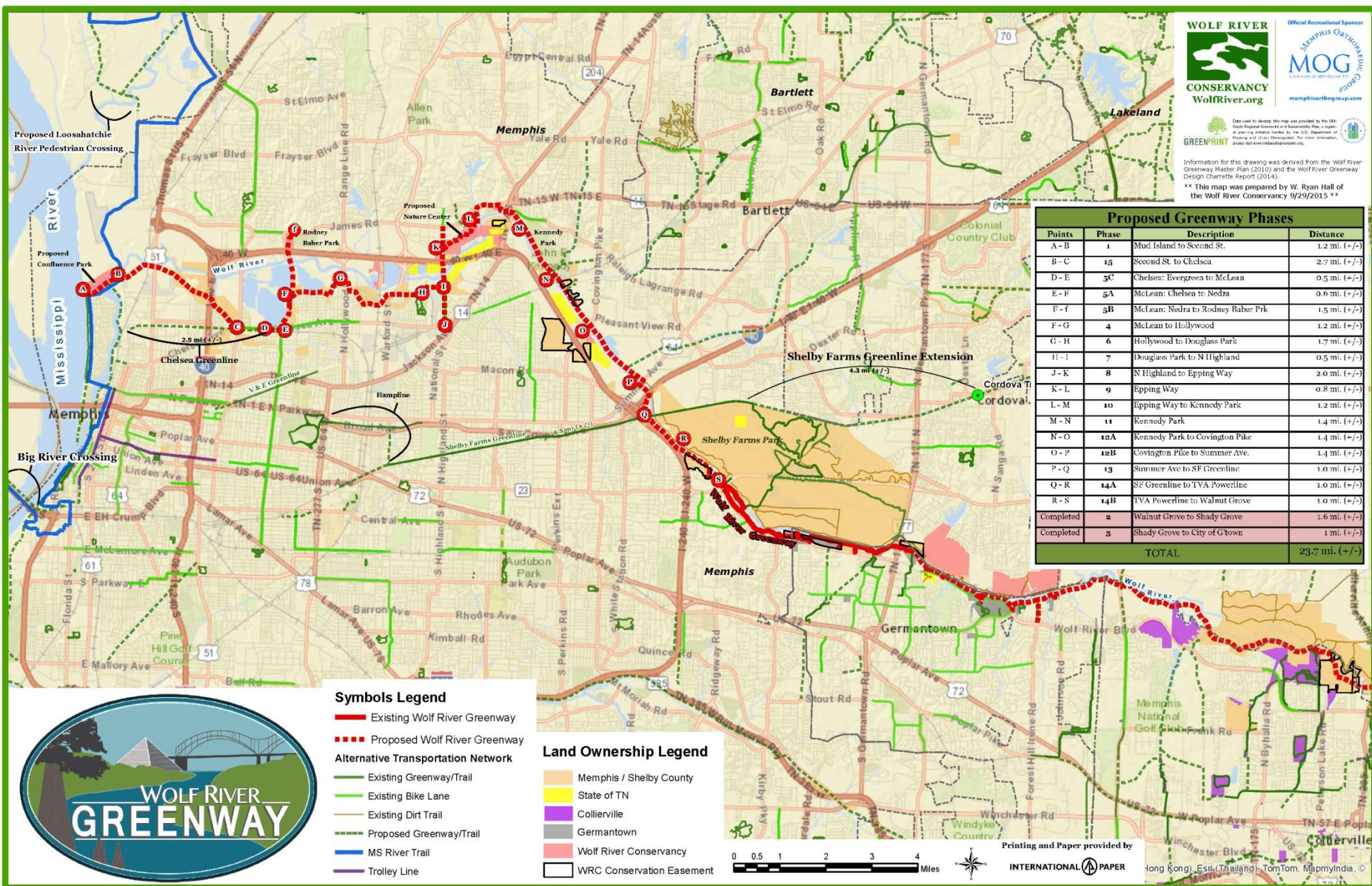
SHELBY COUNTY, TN
National Disaster Resilience
Competition-Phase II
U.S. Department of Housing
and Urban Development



BWSC
Kimley»Horn
SASAKI

GREENPRINT FOR RESILIENCE
MAKING ROOM FOR THE RIVER
Orchi Road Complete Street
Concept

**CONNECTING
COMMUNITIES**



WOLF RIVER
CONSERVANCY
WolfRiver.org

MOG
Memphis Outdoor Group
memphisorthergroup.com

Information for this drawing was derived from the Wolf River Greenway Master Plan (2010) and the Wolf River Greenway Design Charrette Report (2014).
** This map was prepared by W. Ryan Hall of the Wolf River Conservancy 9/29/2015 **

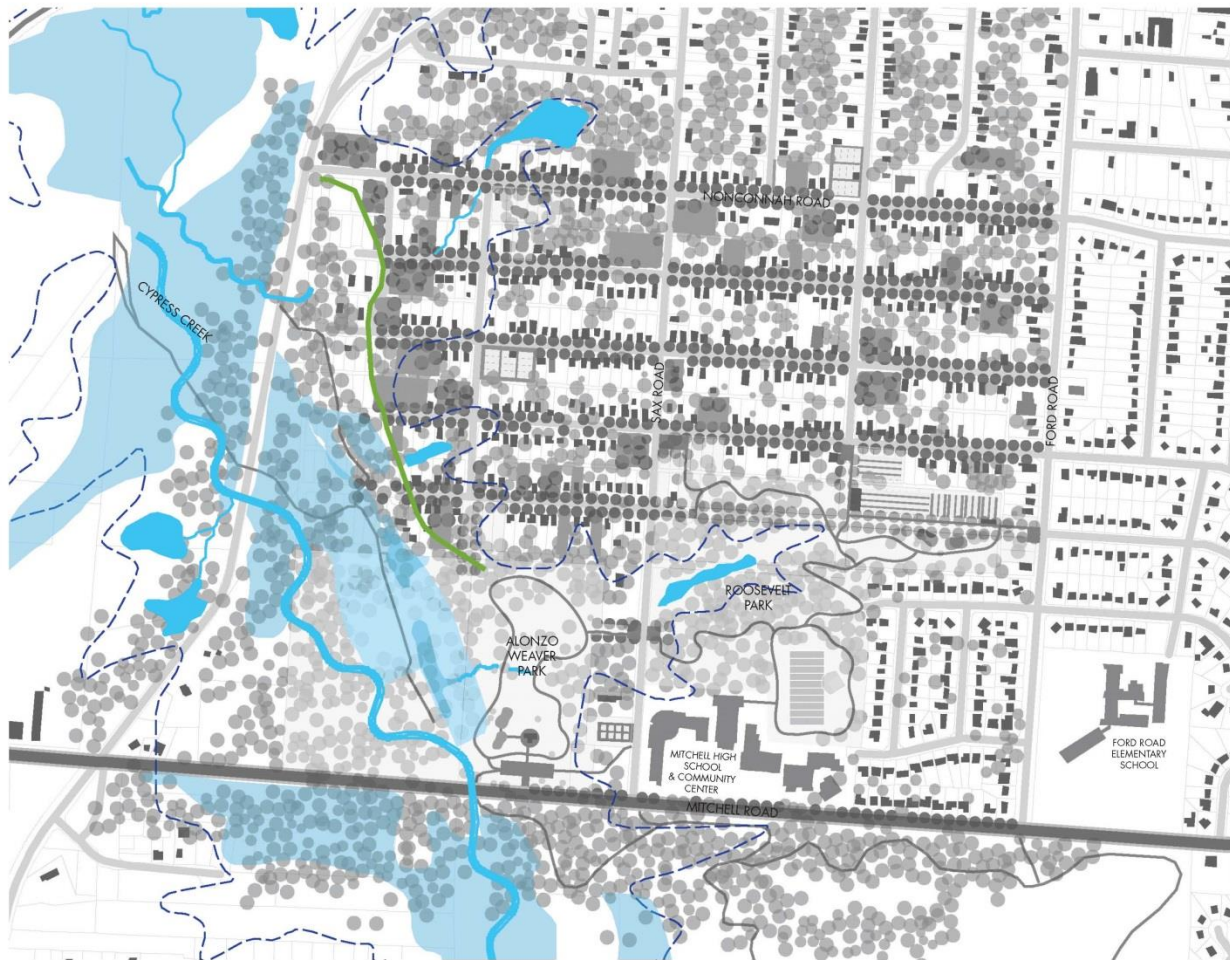
Activity 3: South Cypress Creek



- Buyout of existing homes and replace with greenspace, wetlands, and other flood storage to accommodate water flow
- Better protection for nearby LMI homes
- Create affordable infill or rehabilitation nearby for displaced residents
- Creation of multi-purpose trails
- Local food production
- Development of vacant lot program

Grant Budget: \$8,988,097

Leverage: \$1,600,000 (city stormwater fund and CDBG)



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SCALE
1" = 500'

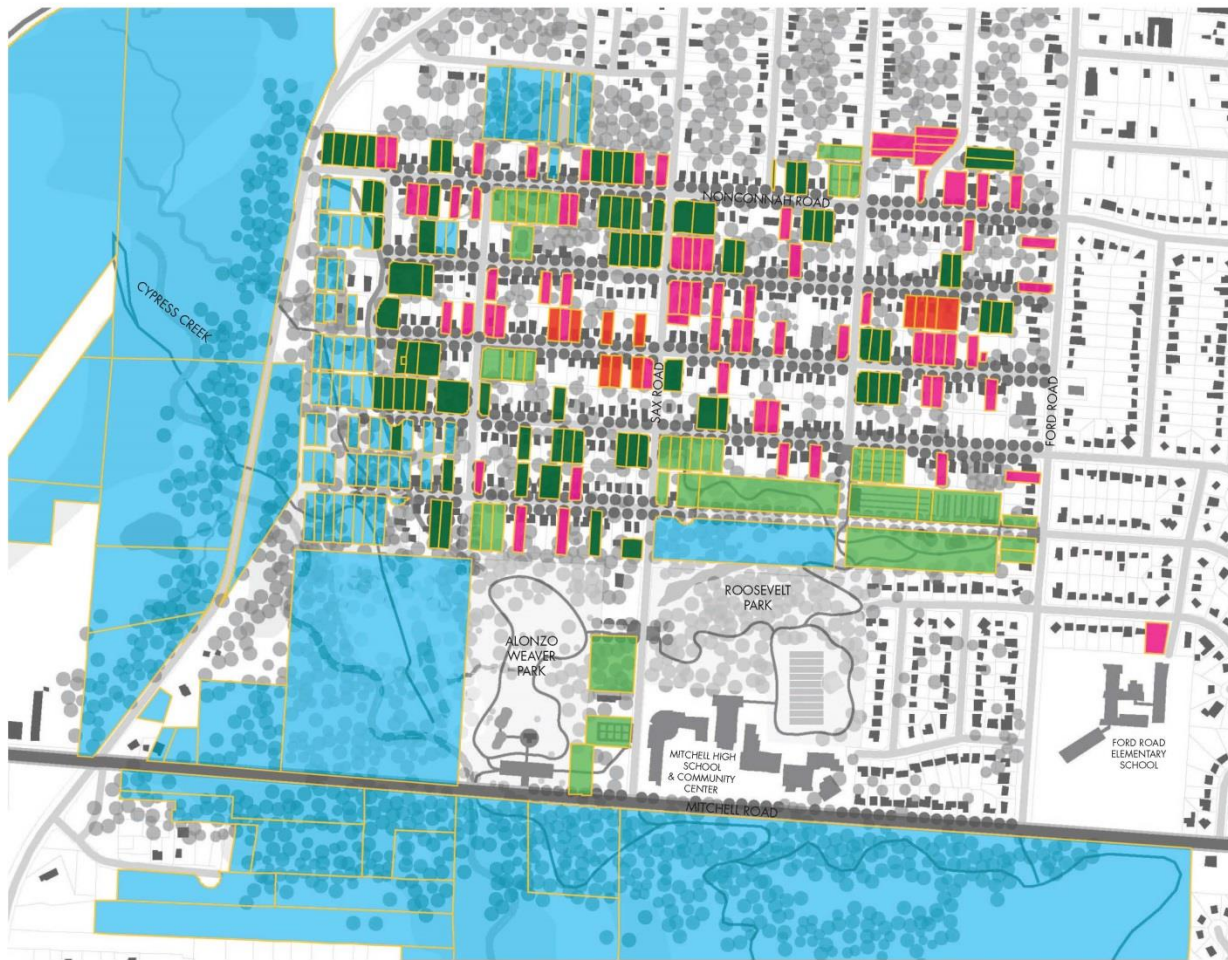
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GREENPRINT FOR RESILIENCE
MAKING ROOM FOR THE RIVER

SITE PLAN DIAGRAM
STORM WATER



**CONNECTING
COMMUNITIES**



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SCALE
1" = 500'

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GREENPRINT FOR RESILIENCE
MAKING ROOM FOR THE RIVER

SITE PLAN DIAGRAM
VACANT LAND RE-USE



**CONNECTING
COMMUNITIES**

Activity 4: Resilience Plan



- Many other areas of county and region were hard hit in 2011 or by other floods
- NDRC requirement of addressing unmet need limits where we address
- Community-driven process to identify future resilience projects
- NDRC projects may not “break ground” until 2017
- A regional resilience plan process continues momentum that will follow award announcement

Grant Budget: \$2,100,000