



# ARBC Master Plan

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## Final Master Plan Presentation

May 13, 2025, Regular Commission Meeting

Livingston Parish Council Chambers | February 14, 2025

### IN ASSOCIATION WITH

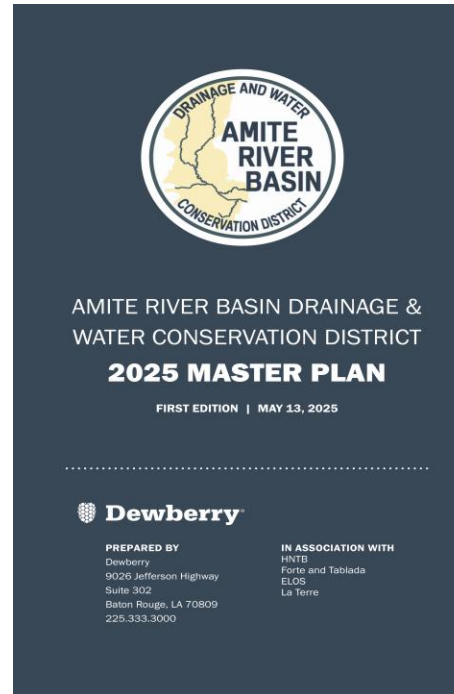
- Dewberry
- HNTB
- Forte & Tablada
- La Terre Engineering, LLC
- ELOS

# 2025 ARBC Master Plan

Kick off  
May 2024

Stakeholder  
Meetings

Technical  
Workshops



## May 2025 for Approval

# Projects

Plan presents 13 physical flood projects that reduce flood risk and preserve the natural resources of the Amite River Basin:



**Pump stations to move water out of the basin**



**Sediment removal to restore channels**



**Ecosystem restoration with flood and sediment reduction benefits**



**Major detention to reduce downstream flooding**



**New levees to protect from lake and river driven flooding**



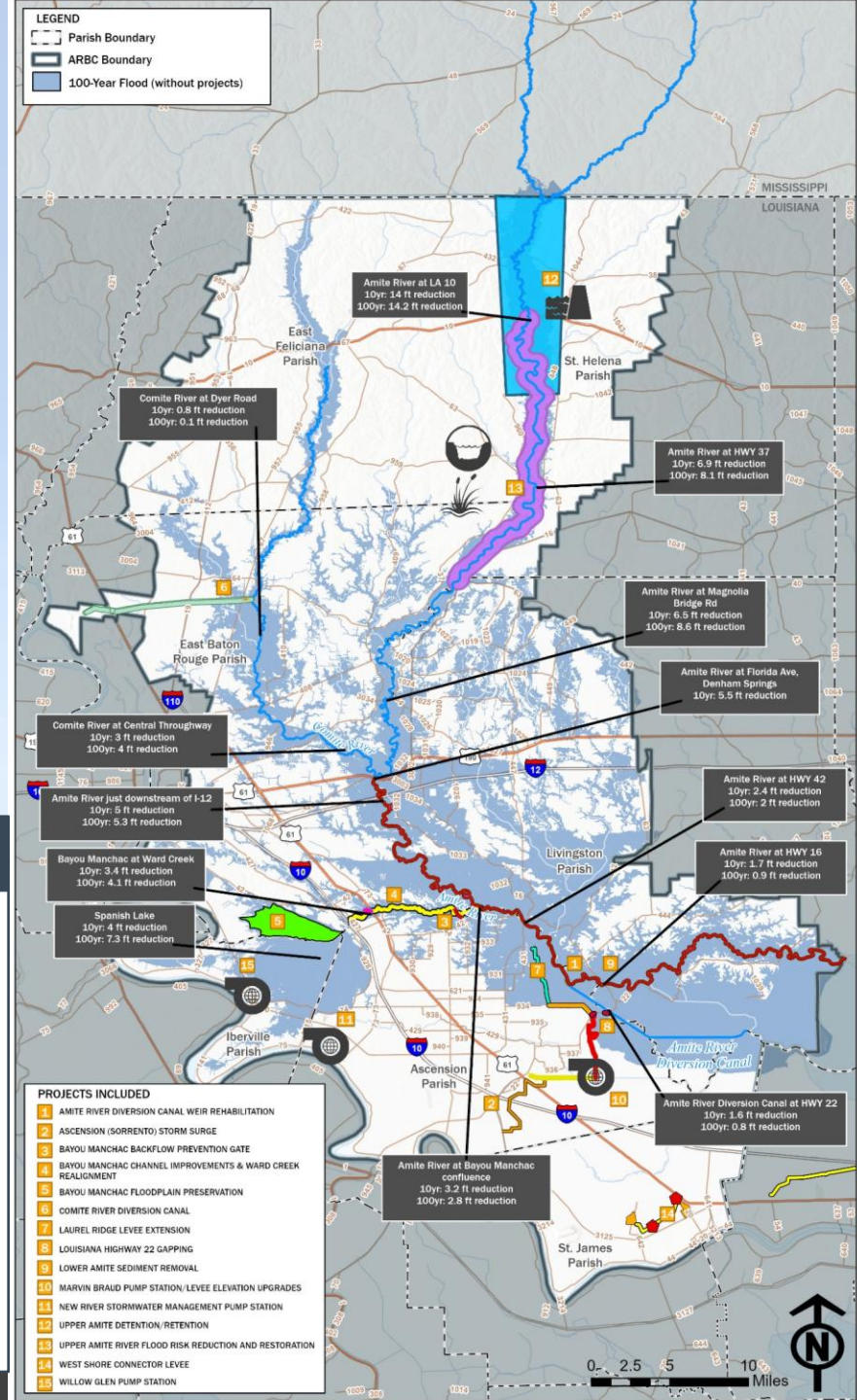
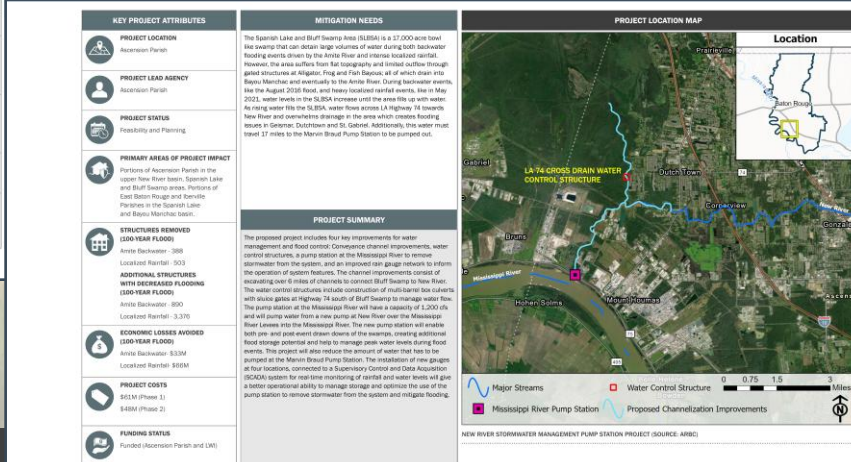
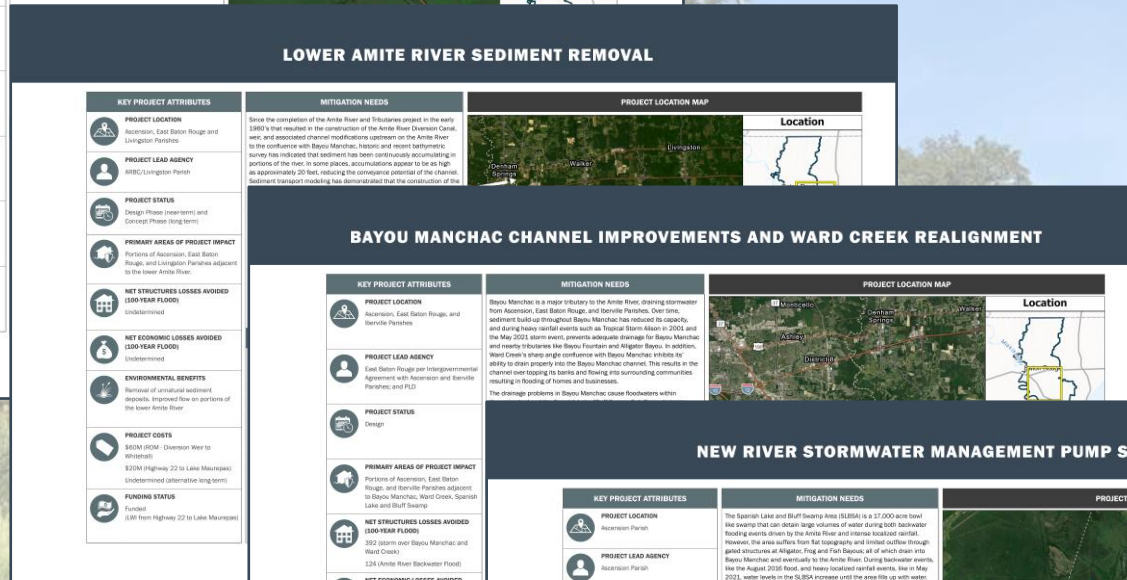
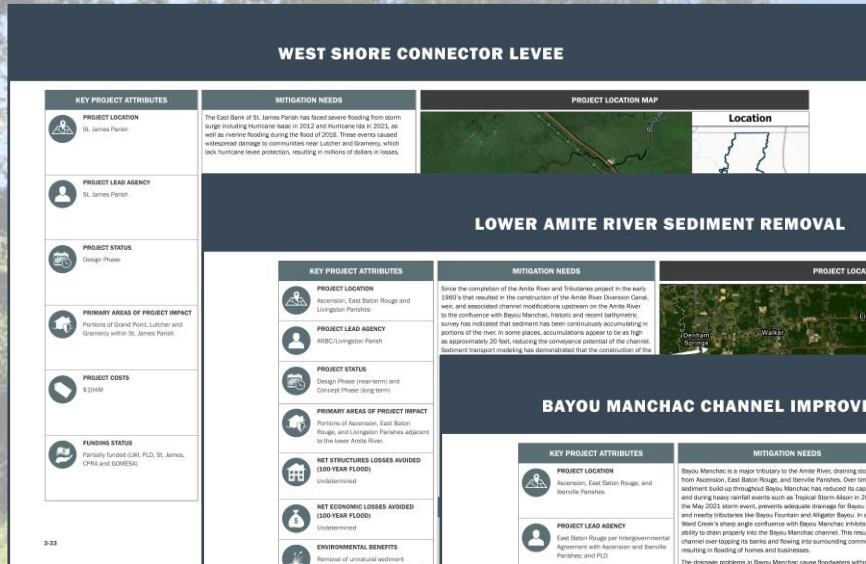
**Channel improvements**



**Floodplain and greenspace preservation**



# Projects





# Actions

Plan presents 26 actions to further reduce flood losses and create safer, more resilient communities and includes:



**Improving the accuracy of FEMA maps with LWI models**



**Supporting participation in CRS**



**Encouraging the adoption of higher floodplain ordinance standards**



**Implementing operations and maintenance plans**



**Facilitating local capacity building**



**Supporting emergency preparedness and response**

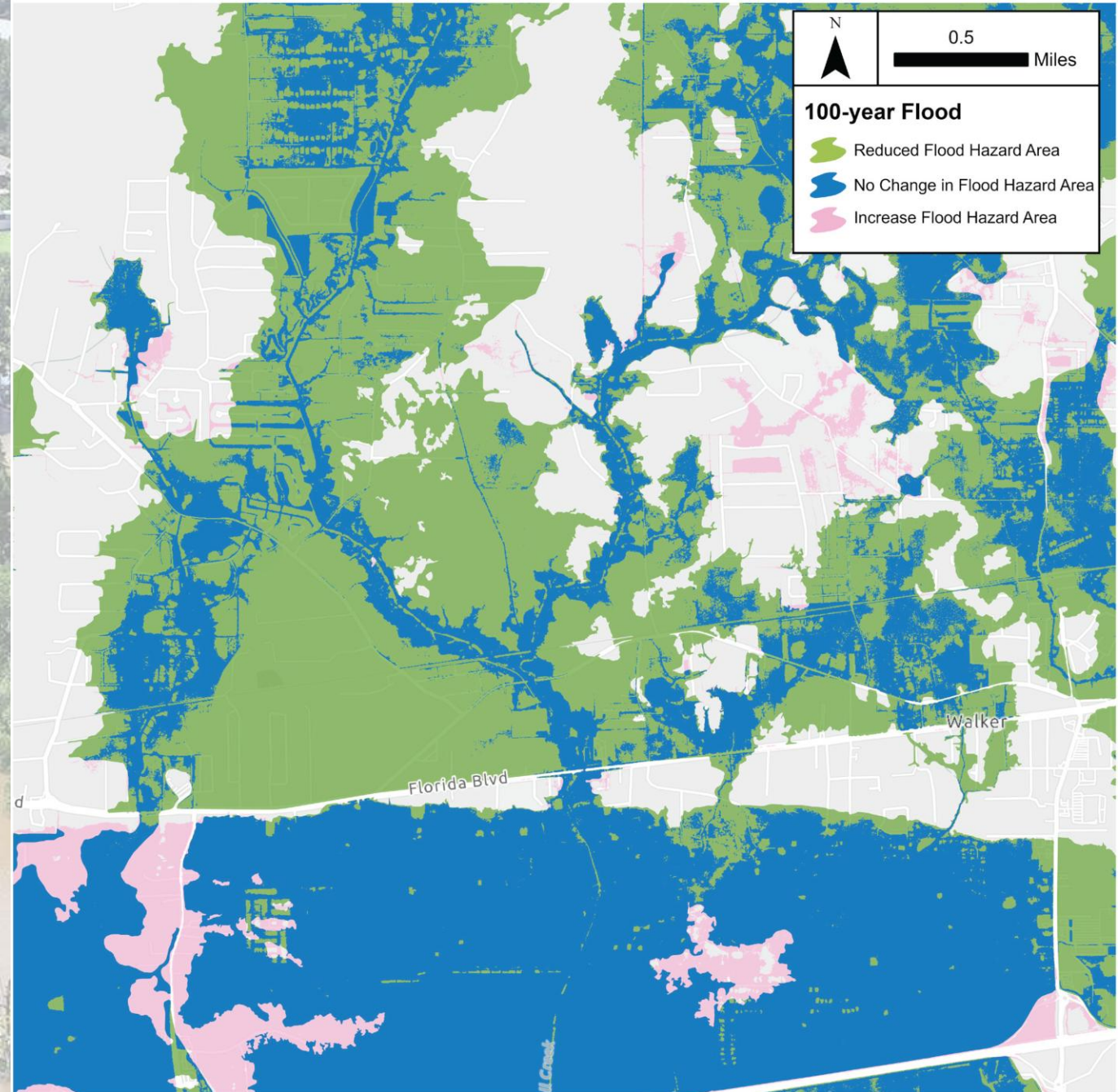


**Funding of projects**



# FEMA Map Update Needs

- Effective FEMA studies average over 30-years old
  - Based on low accuracy topo
  - Old technology
- Leverage
  - Potential to remove over 30,000 structures
    - \$25M+ insurance premiums

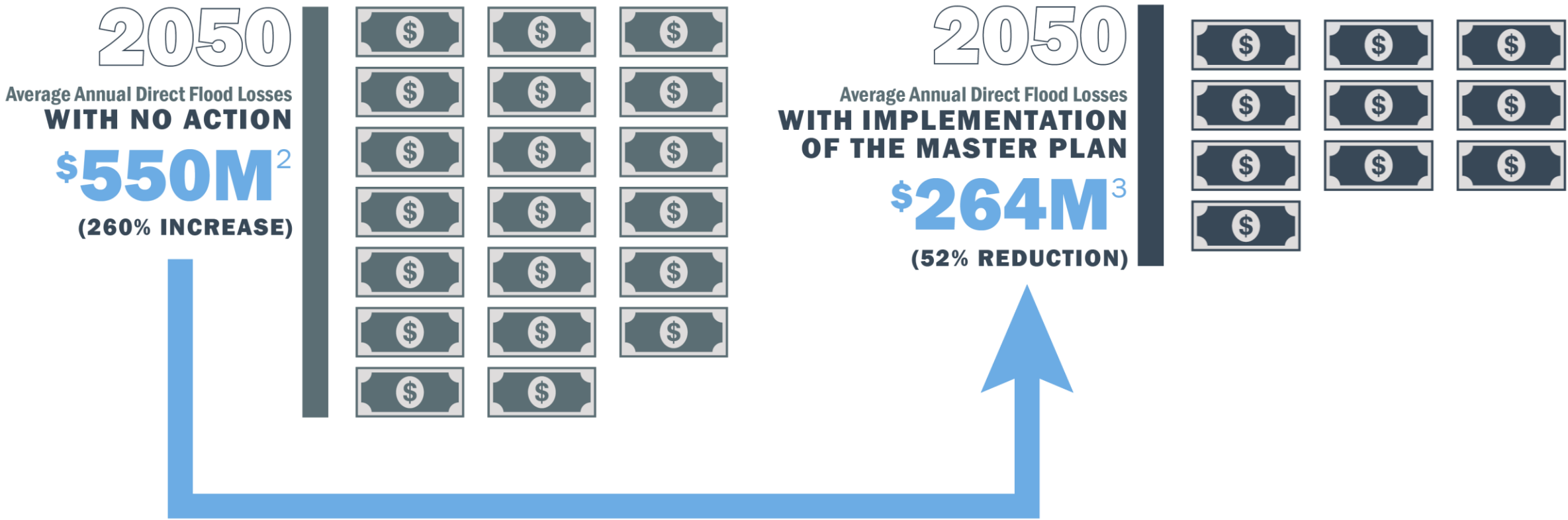


# Implementing the Plan

## Flood Risk Reduction Projects



# Implementing the Plan





## AMITE RIVER BASIN



Ascension



East Baton Rouge



East Feliciana



Iberville



Livingston



St. Helena



St. James

This Master Plan represents the first time all seven parishes have been directly represented by the Board of Commissioners, coming together like never before with a transformative Master Plan to reduce flood risk, preserve the natural resources of the Amite River Basin, improve public safety and provide an environment for smart economic development.

# Q & A

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