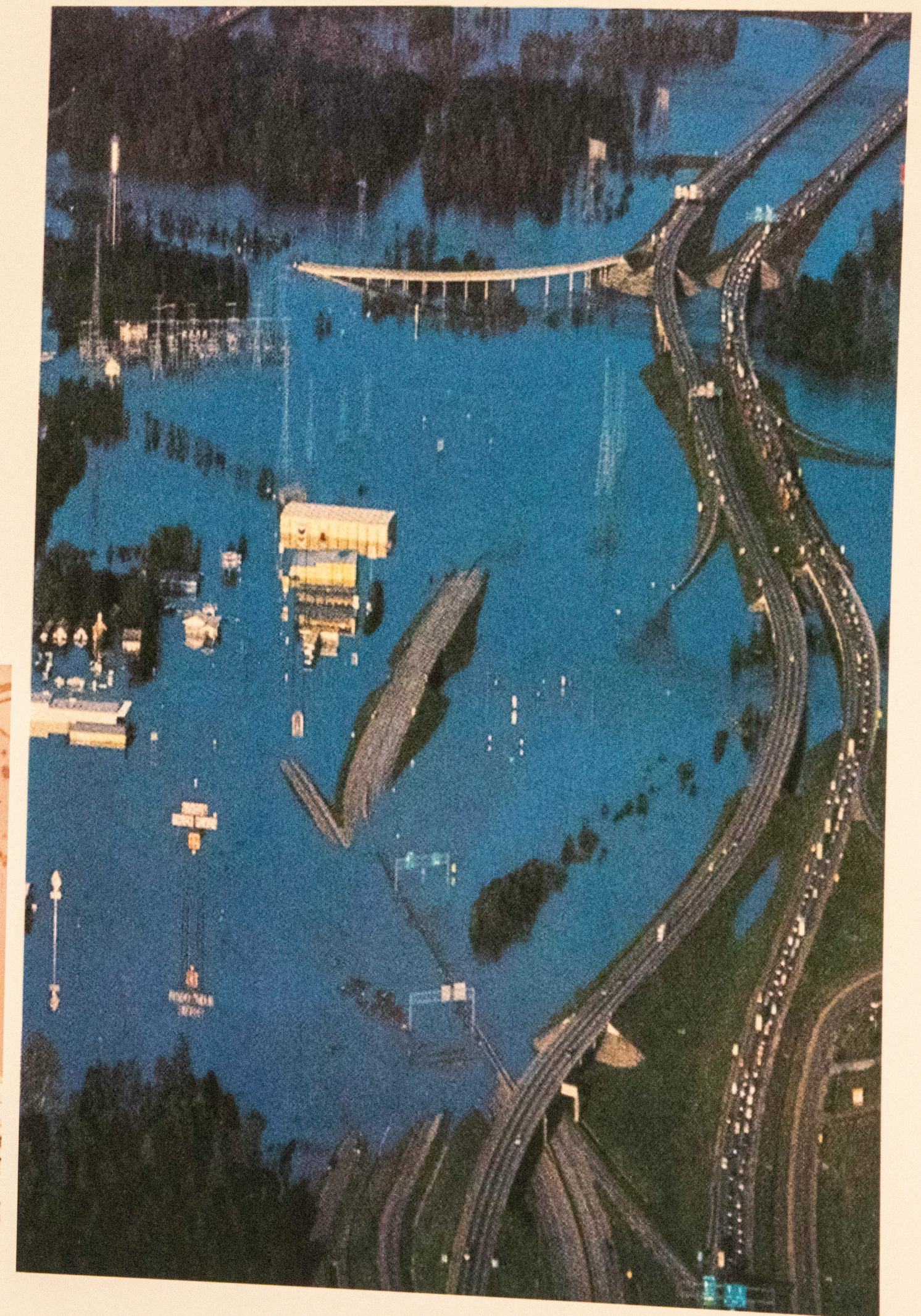
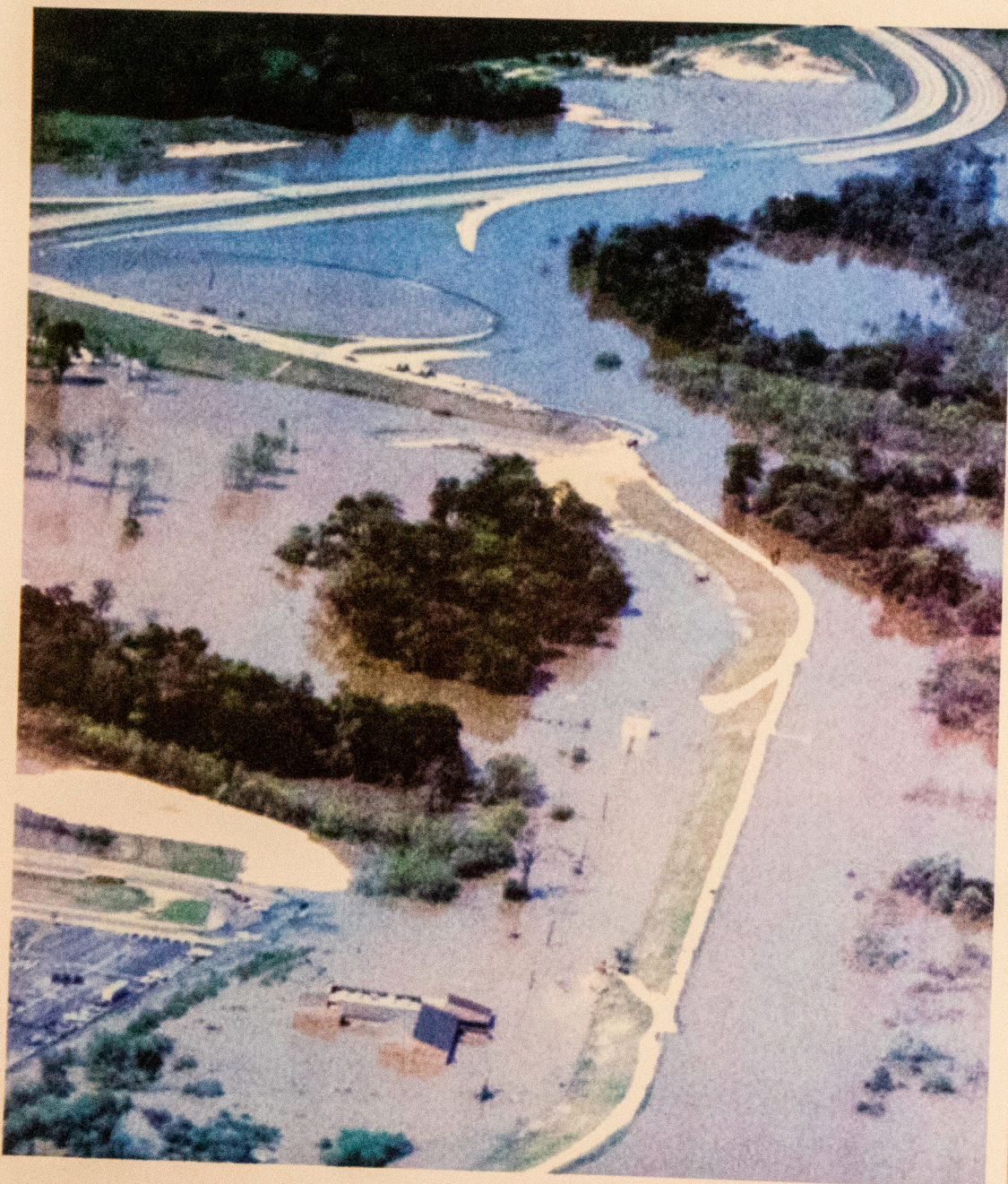


EXISTING CONDITIONS

During the 1979 Flood event, the 13.5 miles of levee constructed between 1964 and 1968 were compromised (left photograph). The resulting flooding affected over 5,000 commercial and residential structures, including state owned property like the Mississippi State Fairgrounds (center photograph). In addition, critical infrastructure, such as major transportation routes and the Savanna Street Wastewater Plant, are at risk during these large flood events. During the 1979 Flood event, sections of both Interstate 55 (center photograph) and Interstate 20 (right photograph) were under





Historical aerial photograph showing the Pearl River and the proposed project area in 1963, before construction of the levees and channelization of the river had begun.



Historical aerial photograph showing the Pearl River and the proposed project area in 1968, when the levee construction and river channelization projects were ongoing.



Pearl River FRM

Alternative A

Legend

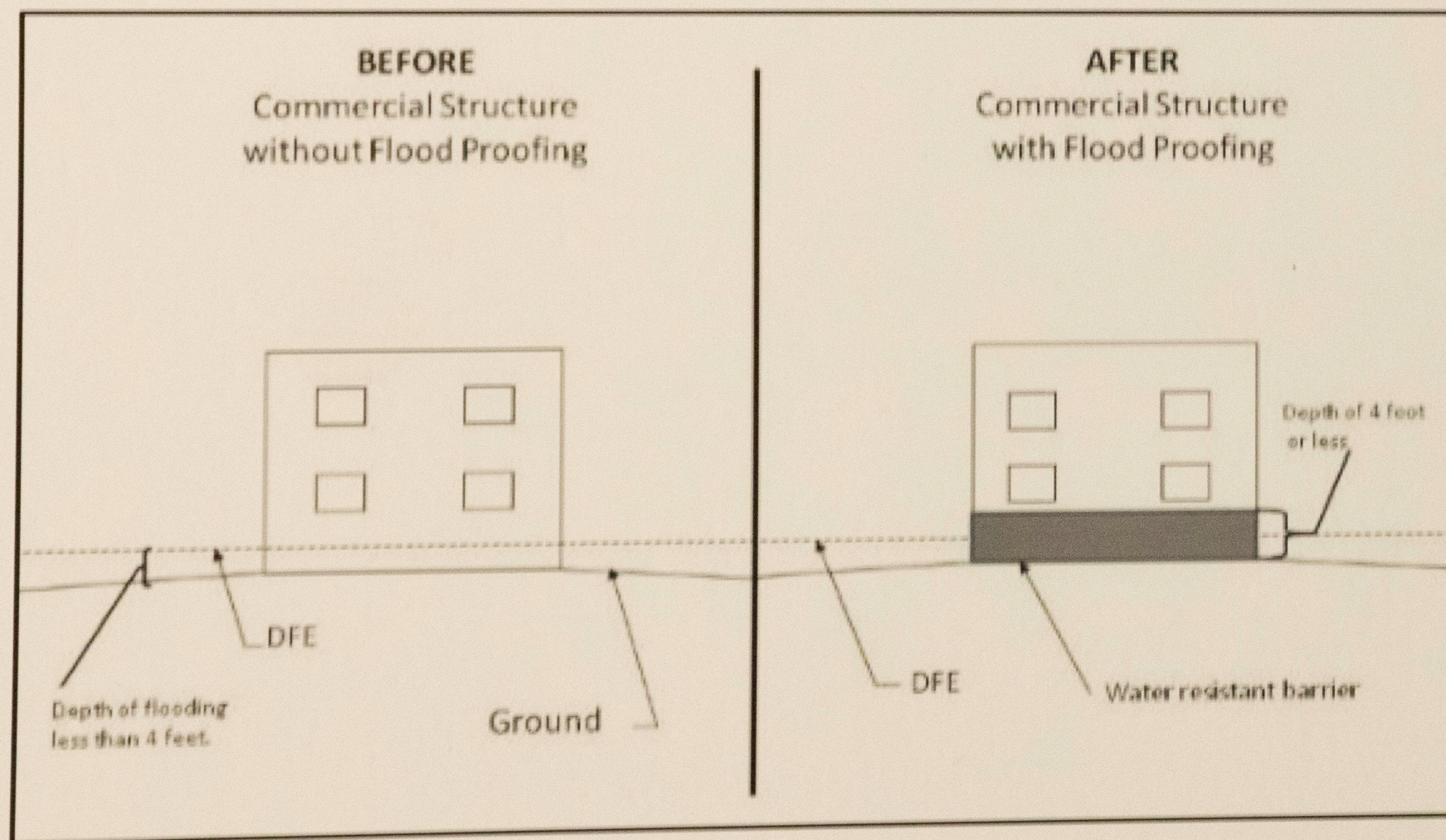
- WTP Intake Structure
- Levees - Existing
- RR Bridges - Existing
- Wier - Existing
- WTP Intake Structure
- Jackson Facilities
- Overbanks - Pearl River
- Pearl River
- Tributaries - Pearl River
- Overbanks - Pearl River
- Tributaries
- Ross_Barnett_Reservoir

Thomasville

0 0.5 1 2 3 4

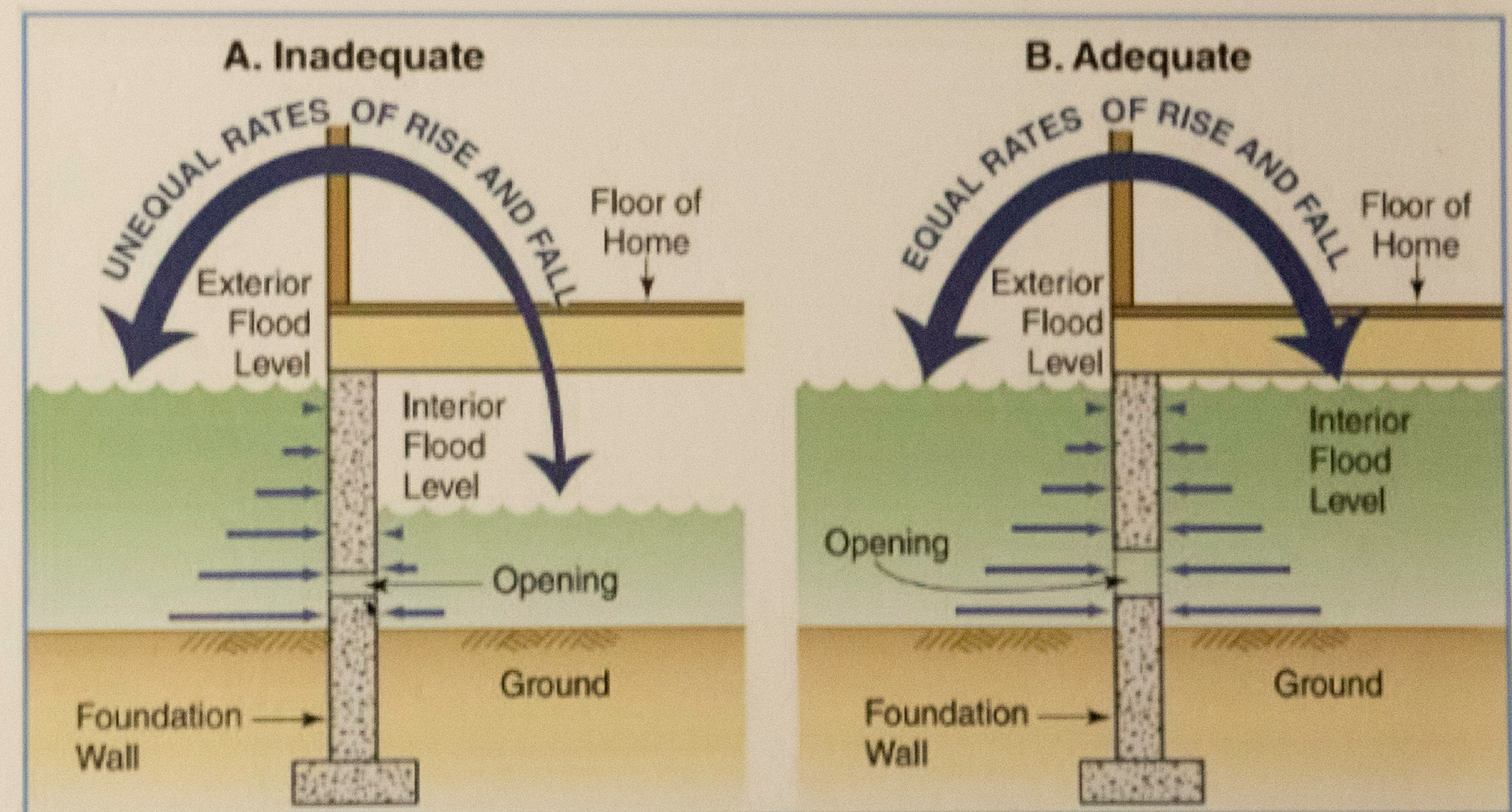
Miles

WHAT IS DRY FLOODPROOFING?

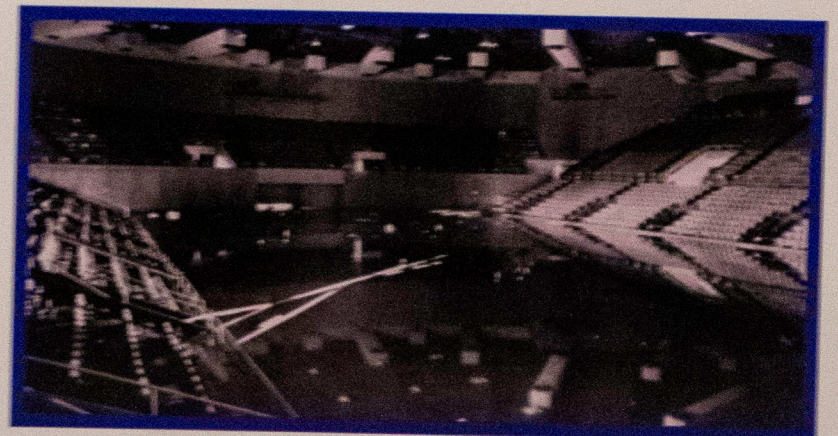
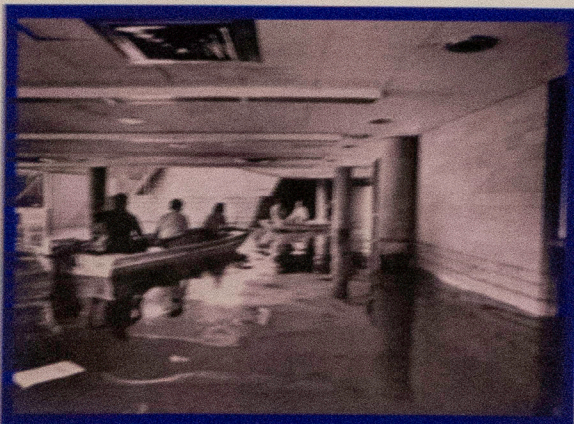
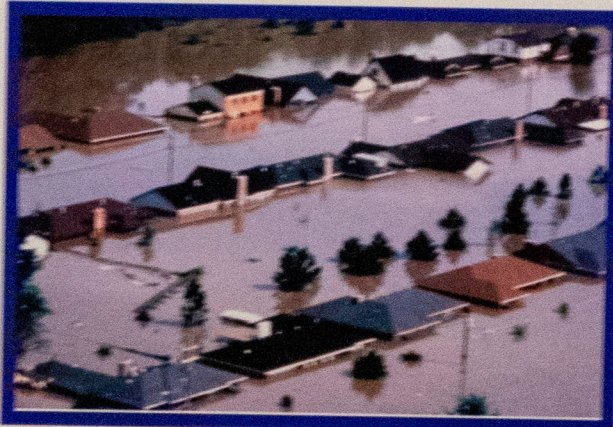
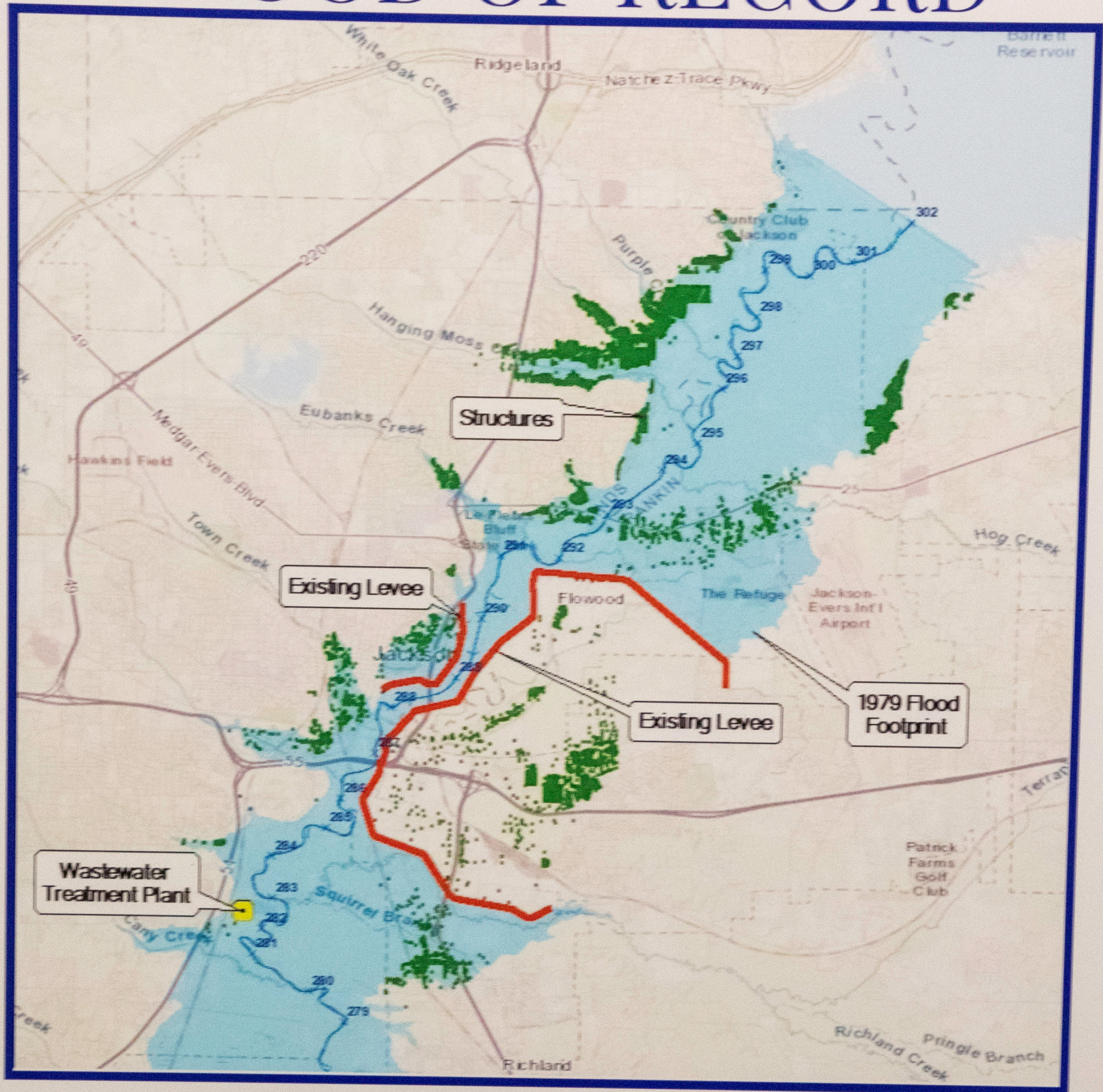


WHAT IS WET FLOODPROOFING?

- Modifying a structure to allow floodwaters to enter and exit
- Ensures equal hydrostatic pressure on the interior and exterior of the structure to reduce likelihood of wall failures and structural damage
- Rehabilitating construction materials to be flood-resistant
- Elevation of utilities

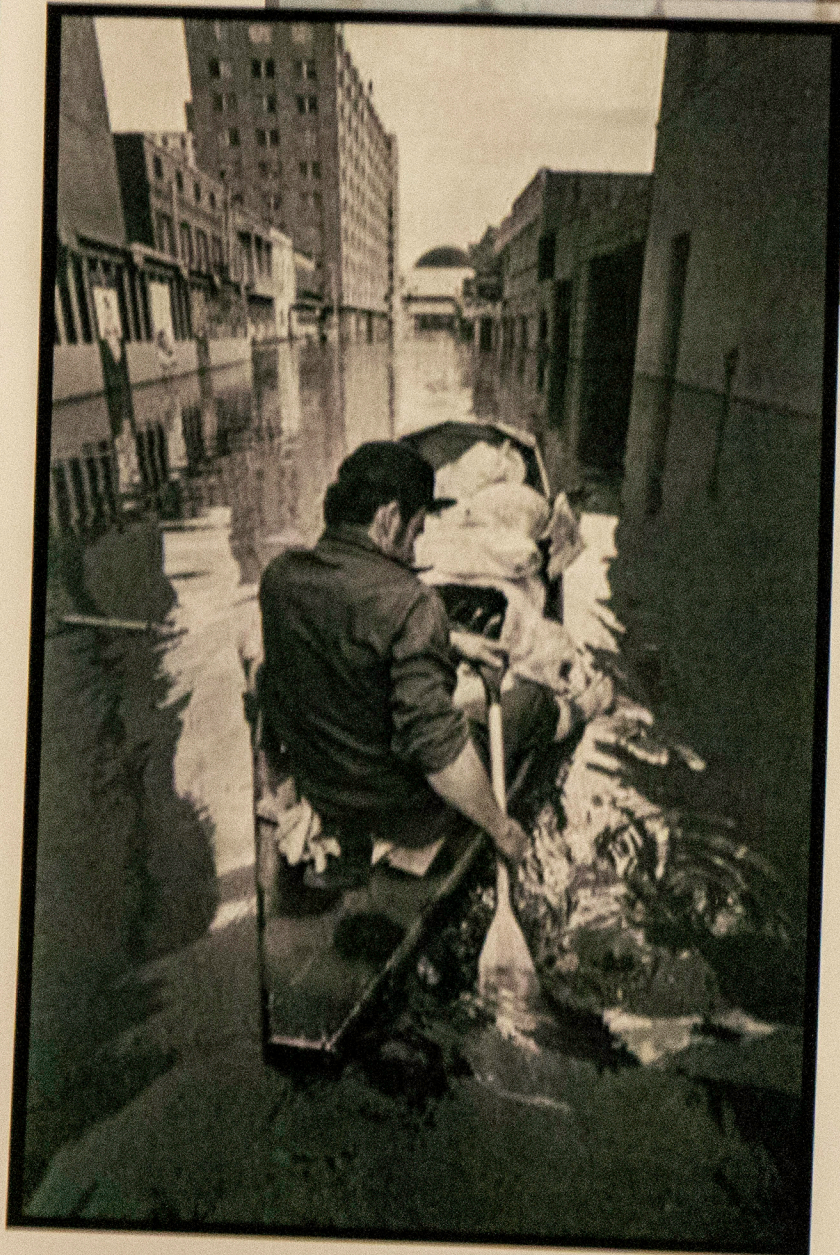
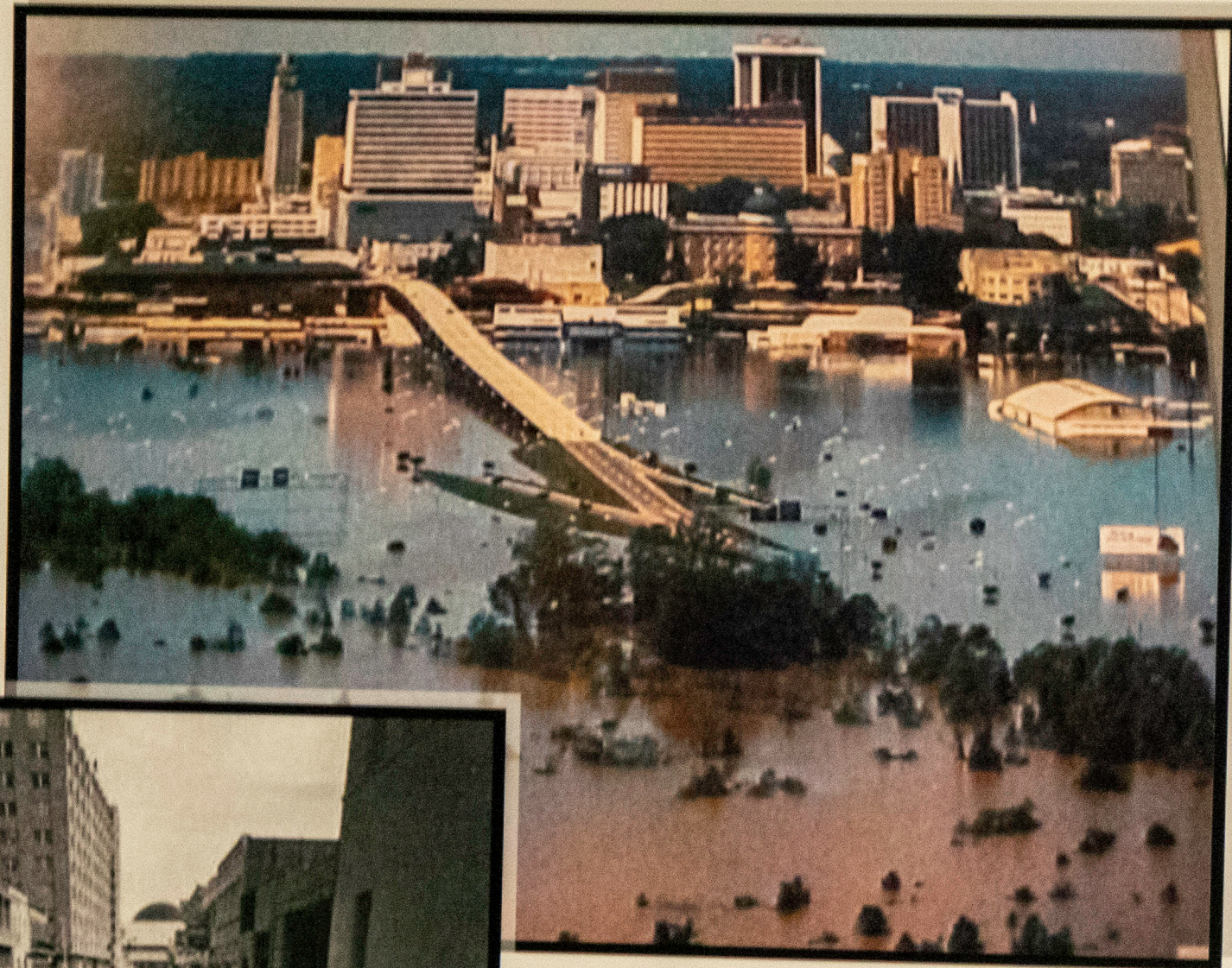


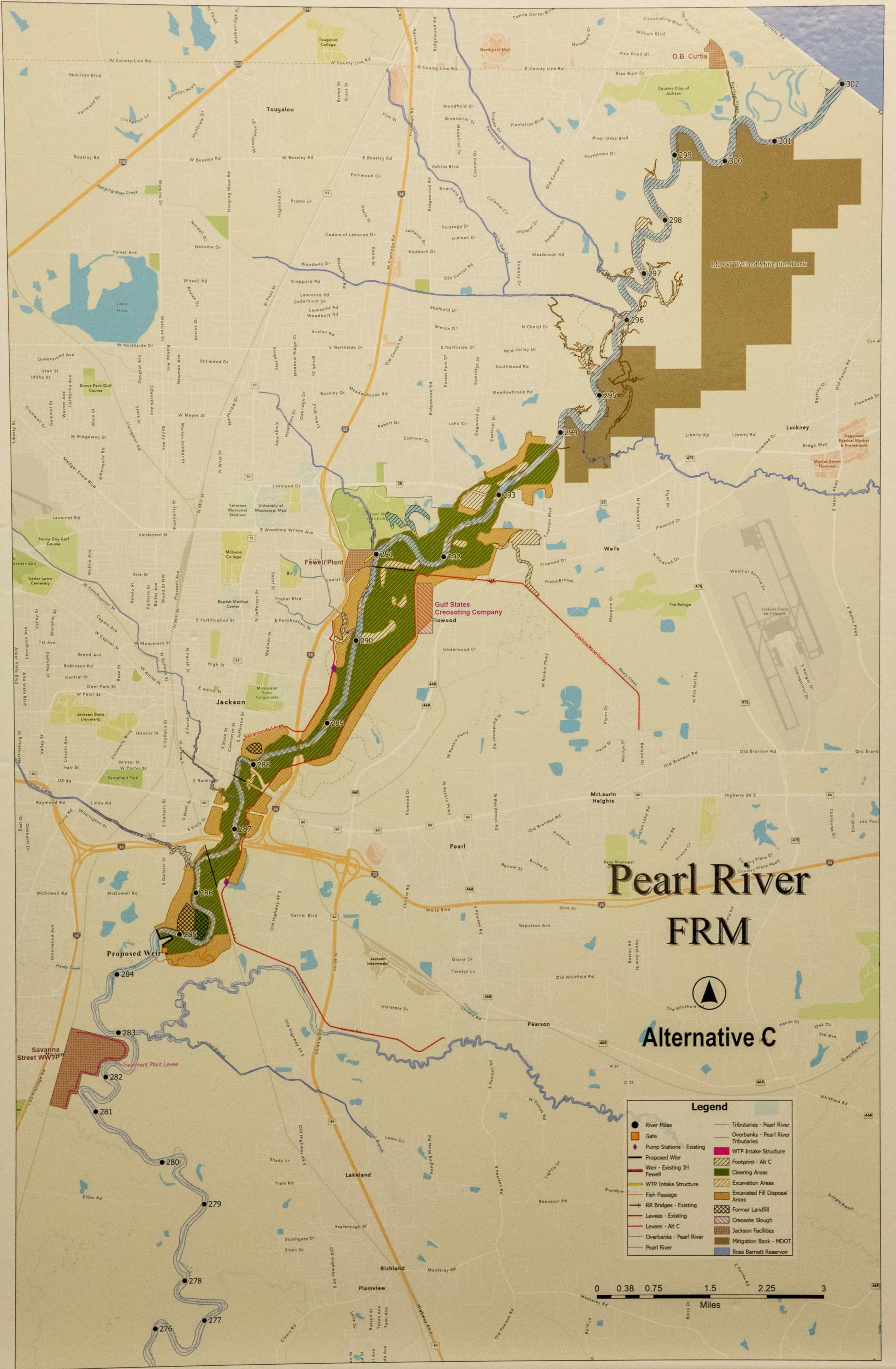
FLOOD OF RECORD



Existing Conditions

There have been numerous flood events that have affected the study area. The most notable of these events are the Easter Flood of 1979, and the May Flood of 1983. Due to the severity of these two floods, other floods that occurred are rarely mentioned. Since the 1979 Flood event, only minor improvements for flood protection have been made in the area with no comprehensive plan constructed to date.





Pearl River FRM

Alternative C

- Legend**
- River Miles
 - Gate
 - Pump Stations - Existing
 - Proposed Weir
 - Weir - Existing JH Fewell
 - WTP Intake Structure
 - Fish Passage
 - RR Bridges - Existing
 - Levees - Existing
 - Levees - Alt C
 - Overbanks - Pearl River
 - Pearl River
 - Tributaries - Pearl River
 - Overbanks - Pearl River
 - Tributaries
 - WTP Intake Structure
 - Footprint - Alt C
 - Clearing Areas
 - Excavation Areas
 - Excavated Fill Disposal Areas
 - Former Landfill
 - Creosote Slough
 - Jackson Facilities
 - Mitigation Bank - MDOT
 - Ross Barnett Reservoir

