

CITY OF
ALABASTER
FLOODPLAIN MANAGEMENT PLAN



FMPC Meeting #5
May 15, 2018



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ORGANIZATION OF 2017 FMP

2017 Floodplain Management Plan Structure

- Chapter 1 – Introduction
- Chapter 2 – Community Profile
- Chapter 3 – The Planning Process
- Chapter 4 – Risk Assessment
- Chapter 5 – Mitigation Strategy
- Chapter 6 – Plan Maintenance Procedures

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ORGANIZATION OF 2017 FMP APPENDICES

2017 Floodplain Management Plan Structure

- Appendices and Supporting Documentation:
- A - Resolution Establishing Planning Process
- B - Hazard Profile Data
- C - Risk Assessment Data
- D - Community Mitigation Capabilities
- E - Committee Meeting Documentation
- F - Community Involvement Documentation
- G - Alternative Mitigation Measures Exercise
- H - Adopting Resolution

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CHAPTER 5, SECTIONS 5.1 – 5.2.3

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Presented at previous
FMPC meeting



CHAPTER 5, SECTION 5.2.4

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Discussion of Alternative
Mitigation Activities



Discussion of Alternative Mitigation Activities

- Alabaster Individual Action Plan of the 2016 Shelby County mitigation plan reviewed
- Alternative Mitigation Measures Exercise conducted (App. G)
- Applied STAPLEE (Social Technical Administrative Political Legal Environmental Economic) method
- City's funding and implementation capabilities considered



Alternative Mitigation Activities

Potential alternatives grouped according to six goals:

- *Preventive Activities* (planning and regulatory tools)
- *Property Protection Activities* (acquisitions, relocations, floodproofing)
- *Public Education and Outreach Activities* (esp. social media)
- *Natural Resource Protection Activities* (open space)
- *Structural Projects Activities* (drainage system maintenance and engineered solutions)
- *Emergency Services Activities* (emergency response)



Existing Preventive Activities: Planning and Regulatory Tools

- Alabaster Forward - comprehensive planning
- Building & technical codes
- Zoning Ordinance
- Subdivision and Development Regulations
- Flood Hazard Ordinance
- Stormwater Management Ordinance



CHAPTER 5, SECTION 5.3

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Floodplain Management Action Plan



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CHAPTER 3, SECTION 3.1

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Organization

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Floodplain Management Planning Committee

- Purpose: Review, oversight, and management of FMP
- Council resolution on **May 12, 2017** created FMPC
- Planning and Zoning involved throughout planning process via Sherri Proctor
- FMPC membership represents all six categories: preventive measures, property protection, natural resource protection, emergency services, structural projects & public information




Alabaster Floodplain Management Planning Committee Membership

Representative	Position/Department	Role/Expertise
Brett Tucker	City Engineer	Property Protection
Mark Harris	Public Works	Structural Projects
Ben Williams	Parks & Recreation	Natural Resources Protection
Sherri Proctor	Planning & Zoning	Preventive Measures
Patrick Johnson	Information Technology	Public Information
Mike Jones	Police Department	Emergency Services
Mike Waits	Fire Department	Emergency Services

10-STEP PLANNING PROCESS

FMP Chapters	CRS Planning Step
Chapter 1 – Introduction	
Chapter 2 – Community Profile	
Chapter 3 – The Planning Process	Step 1: Organize to prepare the plan Step 2: Involve the public Step 3: Coordinate
Chapter 4 – Risk Assessment	Step 4: Assess the hazard Step 5: Assess the problem
Chapter 5 – Mitigation Strategy	Step 6: Set goals Step 7: Review possible activities Step 8: Draft an action plan
Chapter 6 – Plan Maintenance	Step 9: Adopt the plan Step 10: Implement, evaluate, revise

Key Planning Steps Covered at FMPC Meetings

FMPC Meetings	Chapters Reviewed	CRS Key Planning Steps
1. Tuesday, 6/12/2017	1. Introduction 6. Plan Maintenance	
2. Tuesday, 10/17/2017	2. Community Profile 4. Part I. Risk Assessment	Step 4. Assess the hazard
3. Tuesday, 12/12/2017	4. Part II. Risk Assessment	Step 5. Assess the problem
4. Tuesday, 3/13/2018	5. Part I. Mitigation Strategy	Step 6. Set goals Step 7. Review possible activities
5. Tuesday, 5/15/2018	5. Part II. Mitigation Strategy	Step 8. Draft an action plan

CHAPTER 3, SECTION 3.2

Public Involvement

Public Involvement

- FMPC met five times
- All meetings open to public
- Committee will continue to meet after the completion of the Plan
- Two community meetings
- Community surveys
- Interactive website at alabaster.floodplainmanagementplan.com



CHAPTER 3, SECTION 3.3 ... Coordination



Coordination

- Coordination through FMPC
 - Committee chair interaction between committee and consulting team
 - Coordination through two committee exercises: Flood Maps, Mitigation Measures
- Review of existing plans, studies & reports:
 - 2016 Shelby County Multi-Jurisdictional Multi-Hazard Mitigation Plan,
 - FEMA Flood Insurance Study, Shelby County, Alabama and Incorporated Areas, revised February 20, 2013,
 - NFIP's Repetitive Loss Inventory,
 - Alabaster Forward 2015 Comprehensive City Plan,
 - City of Alabaster Subdivision and Development Regulations,
 - Zoning Ordinance for the City of Alabaster,
 - City of Alabaster Stormwater Management Ordinance,
 - City of Alabaster Flood Hazard Ordinance, and
 - City of Alabaster Building and Technical Codes.
- Coordination with CRS Program guidelines





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Appendices

App. G – Alternative Mitigation Measures Exercise

- Responses

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Upcoming Activities

Next Steps

- Final Plan
- Second Community Meeting
- Plan Adoption by City Council
- Implementation and Annual Review




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CONSULTING TEAM

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