



# EXECUTIVE SUMMARY

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The purpose of hazard mitigation is to reduce or eliminate long-term risk to people and property from hazards. The Bossier City developed this Local Hazard Mitigation Plan (LHMP) update to make the City and its residents less vulnerable to future hazard events. This plan was prepared pursuant to the requirements of the Disaster Mitigation Act of 2000 so that Bossier City would be eligible for the Federal Emergency Management Agency's (FEMA) Pre-Disaster Mitigation and Hazard Mitigation Grant programs.

The City followed a planning process prescribed by FEMA, which began with the formation of a Hazard Mitigation Planning Committee (HMPC) comprised of key city and district representatives, and other stakeholders. The HMPC conducted a risk assessment that identified and profiled hazards that pose a risk to Bossier City, assessed the City's vulnerability to these hazards, and examined the capabilities in place to mitigate them. The City is vulnerable to several natural hazards that are identified, profiled, and analyzed in this plan.

Based on the risk assessment, the HMPC identified goals and objectives for reducing the City's vulnerability to hazards. The goals of this multi-hazard mitigation plan are:

- *Identify and pursue measures that will reduce future damages from natural hazards*
- *Enhance public awareness of the affects of natural hazards and public understanding of disaster preparedness*
- *Facilitate sound development in the City so as to reduce or eliminate the potential impacts of hazards*
- *Maintain FEMA eligibility / position the City for grant funding*

To meet the identified goals, the plan recommends 27 mitigation actions, which are summarized in the table that follows. This plan has been formally adopted by the City and will be updated every five years at a minimum.

# Mitigation Actions

	Mitigation Action Title	Lead Department	Points
<b>Multi-Hazard (dam/levee failure, flood, severe weather, tropical storm, winter storm) Mitigation Actions</b>			
1	Continue to enhance partnerships with Bossier City, Bossier Parish, Barksdale AFB to prepare for future natural hazards	Bossier City	16
2	Reverse 911/All Call (i.e. text to mobile lines)	Emergency Services	12
3	Design Criteria Manual	Engineering	9
4	Enhance subdivision regulations for new development	Planning	6
5	Establish BMPs for Industrial, Commercial, Residential	Engineering	3
6	Include key projects from Comprehensive Plan Update	Planning/Sam M.	3
7	MyStateUSA service (i.e. sign up for text messages)	Public Outreach/Emergency Services	1
8	Readiness and Emergency Management for Schools (REMS)	Bossier Parish School Board	
9	Pictometry Electronic Field Study Co-operative Endeavor	Bossier Parish School Board	
<b>Flood Mitigation Actions</b>			
10	Master Drainage Plan	Engineering, Environmental Control	33
11	Drainage improvements for Repetitive Loss Areas	Engineering	31
12	Improve drainage ways by enlarging any inferior culverts along the major drainage laterals at Benoist Bayou, Red Chute Bayou, the Flat River and the other tributaries to the Red River.	Engineering	28
13	Willow Chute Bayou Berm Project	Engineering, Bossier Levee District	25
14	Raise Red Chute Bayou Levee	Bossier Levee District	25
15	Address localized flood issues/roads – Airline Dr., Green Acres Pl., Benton Rd., Hamilton Rd.	Engineering	25
16	Clearing channels in Bossier City	Bossier Levee District	20
17	Repetitive (& Potential) Loss Properties and areas for Acquisition/Elevation/floodproofing	Building Permit, Engineering	20
18	Harden EOC and other facilities: flood-proofing, back-up generators	Engineering	15
19	Water storage/detention/retention assessment	Engineering	9
20	Wetland Identification within City Limits	Environmental Control	7
21	Northeast Sewage Plant Floodwall / Elevate key structures – levees, controls, equipment	Engineering	6
22	Continue compliance with NFIP and maintain CRS rating	Engineering	5
<b>Tornado Mitigation Actions</b>			
23	Enhanced Tornado Public Outreach Program	Engineering/Planning/Public Outreach	17
24	Safe rooms for targeted mobile home parks, hospitals, schools	Planning	13
<b>Winter Storm / Extreme Cold Mitigation Actions</b>			
25	Winter Storm / Extreme Cold Public Awareness	Engineering/Planning/Public Outreach	6
26	Subdivision regulations (i.e. underground utilities)	Planning/Development	1
27	Frangible Links/Powerlines	Emergency Services	1



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