

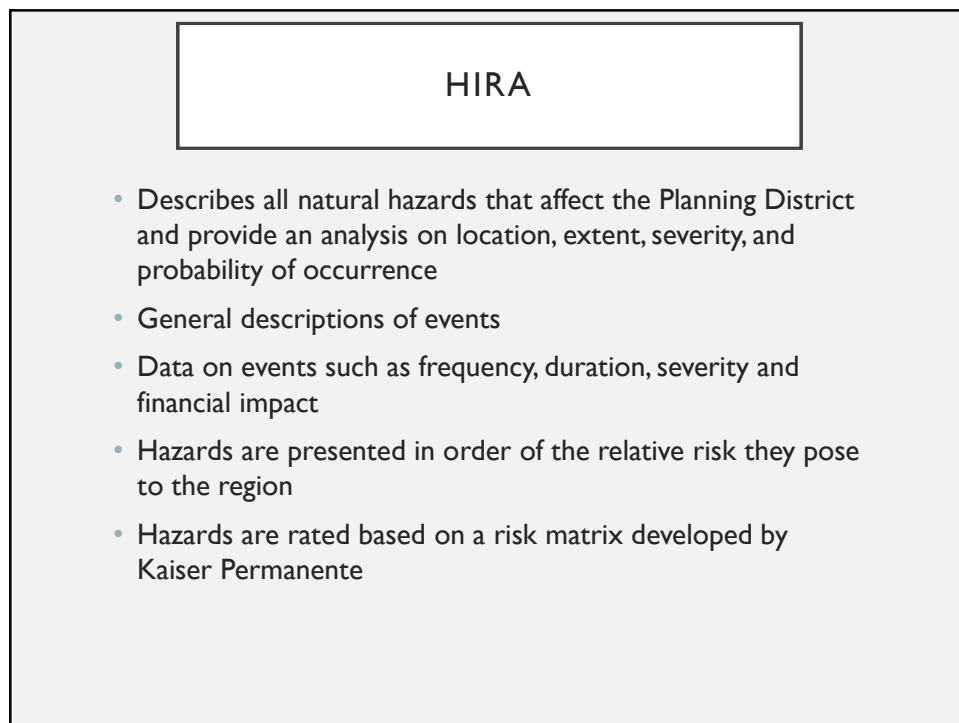
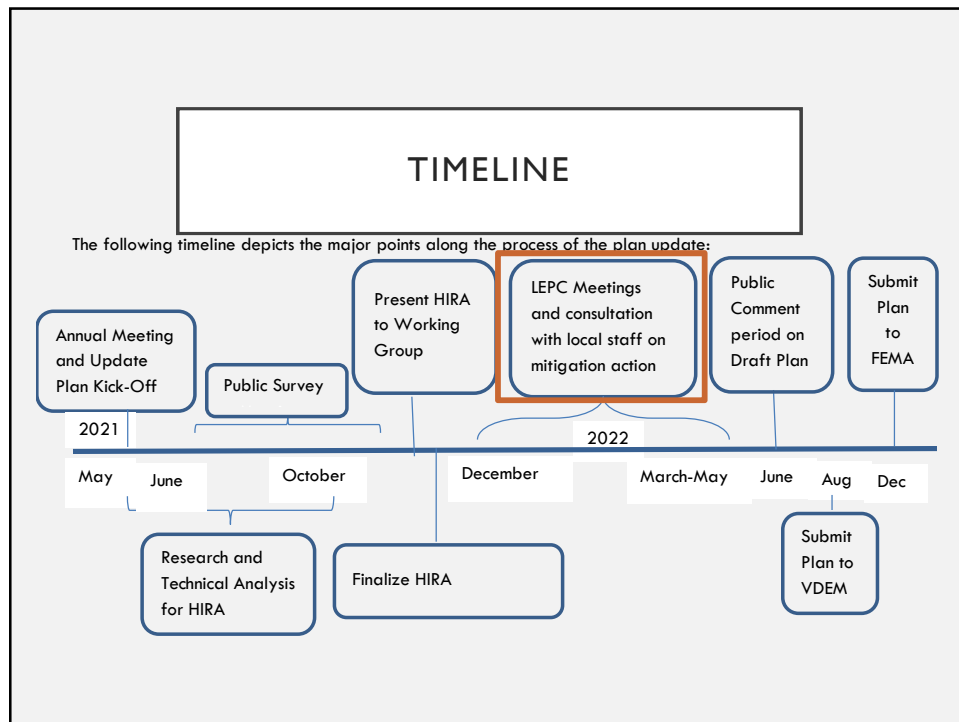
NATURAL HAZARD MITIGATION PLAN UPDATE 2023

TJPD Commission Update March 2023

Ian Baxter, TJPDC Planner II

NATURAL HAZARD MITIGATION PLANNING

- Purpose: Prepare for natural disasters before they occur
- Incentive: FEMA requires Natural HMPs as a condition for eligibility in certain mitigation grant programs
- Plan includes the following sections:
 1. Planning Process – the process through which the plan was developed, including public input
 2. Community Profile – general information about communities in the planning district
 3. Hazard Identification and Analysis – general information about potential hazards in the planning district, the historic record of hazard events, and the probability of future events
 4. Vulnerability Assessment – analysis of the human impact hazards could cause, with estimated potential losses for various hazard scenarios
 5. Capabilities Assessment – a survey of current local capacity to mitigate natural hazards
 6. **Mitigation Strategy – goals, objectives, and action items selected to mitigate hazards identified in the region**



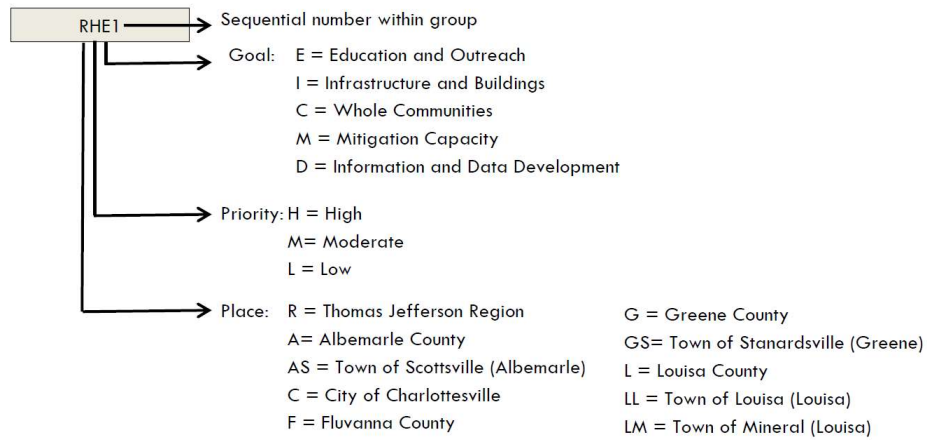
HIRA

EVENT	PROBABILITY	HUMAN IMPACT	PROPERTY IMPACT	BUSINESS IMPACT	RISK
	<i>Likelihood this will occur</i>	<i>Possibility of death or injury</i>	<i>Physical losses and damages</i>	<i>Interruption of services</i>	<i>Relative threat*</i>
SCORE	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 = N/A 1 = Low 2 = Moderate 3 = High	0 - 100%
Hurricane/high wind/windstorms	3	2	2	2	74%
Flooding	3	1	2	2	65%
Winter storms/weather	3	1	1	2	56%
Communicable Disease/Pandemic	2	2	1	2	30%
Lightning	2	1	1	1	22%
Wildfire	2	1	1	1	22%
Drought / Extreme Heat	2	1	1	1	22%
Dam Failure	1	2	2	2	22%
Tornado	2	1	1	1	22%
Earthquake	1	1	2	2	19%
Landslide	1	1	1	1	11%
AVERAGE SCORE	1.88	1.37	1.5	1.58	33%



MITIGATION ACTIONS

[Activity Code] Mitigation Action: [Jurisdiction]	
Category:	One of the goal categories listed above that is supported by the action
Action Item (Describe):	Brief description of action item
Hazard (s):	The hazard(s) the action is intended to mitigate
Lead Agency/Department Responsible:	Identify the local agency, department, or organization that is best suited to accomplish the action.
Estimated Cost:	An estimate of the costs required to complete the project or continue the project for the course of 5-years; this amount should be estimated until a final dollar amount can be determined.
Funding Method: (General Revenue, Contingency/Bonds, External Sources, etc.)	Potential sources of funds to complete the action, when applicable
Implementation Schedule:	Timeframe for which the action is expected to be completed
Priority	Placement in the order of importance and urgency

Activity Code Key

NEXT STEPS

- Meet with locality staff to create new mitigation actions
- Finish draft rewrite and allow for public comment
- Submit to VDEM and FEMA
- Work towards formal adoption by all localities