# TAZEWELL & WOODFORD COUNTIES

# MULTI-HAZARD MITIGATION ADVISORY COMMITTEE MEETING

**JANUARY 2023** 

# **Grant/Planning Process**

- Received Planning Grant from FEMA Summer 2022
- Grant administered by IEMA
- 85% Federal / 15% Local
- Planning Process takes approximately 12-15 Months

# **Meeting Structure**

- Define mitigation
- Summarize what a hazard mitigation plan is & why its being updated
- Describe the Committee's role
- Discuss information needs & community participation

## What is Mitigation?

- A sustained action that reduces the long-term risk to people and property
- Sustained actions include:
  - Activities: establish warming/cooling centers, adopting a floodplain ordinance
  - Projects: building a community safe room; burying power lines to critical facilities, installing hardening materials

## What is a Multi-Hazard Mitigation Plan?

- Details the natural and man-made hazards that have impacted the County
- Identifies activities and projects that reduce the risk to people and property from these hazards <u>before</u> an event occurs

### What hazards are included?

- Natural Hazards: severe summer storms, severe winter storms, floods, tornadoes, excessive heat, extreme cold, drought, earthquakes, landslides, mine subsidence, dam failures, levee failures
- Man-Made Hazards: transportation, generation and storage/handling of hazardous substances, hazmat incidents, waste disposal & remediation

### Why update the Hazard Mitigation Plan?

- To become eligible for federal mitigation funds
- Damages have risen substantially
  - \$162.1 billion in damages from just 18 severe weather events in 2022
  - 2022 3<sup>rd</sup> highest total number of billion-dollar events & 3<sup>rd</sup> highest total losses
- Locally
  - ➤ 7/15/20 Tazewell 4.9 in. & Woodford 6.5 in.
  - 9/27/19 Woodford 9.09 in. Roanoke FF

# What are the Benefits of updating the Plan?

- Provides access to federal mitigation assistance funds
- Encourages intergovernmental cooperation
- Increases awareness of natural hazard event impacts
- Identifies mitigation actions that focus resources on the areas of greatest risk

### Planning Process

- Goal: Update Plan to meet state & federal requirements
- Committee integral part of the process
  - Includes stakeholders from the County, municipalities, townships, emergency services, education, & healthcare

### **D** Participation Requirements

- Participate in Committee meetings & Public Forum
- Complete the required forms
- Coordinate with your constituents & the public
- Adopt the Plan update once it's complete

### Information Needs

- Capability Assessment
- Critical Facilities Survey
- Shelter Survey
- Drinking Water Supply Worksheet
- Community Participation
- Severe Weather Events

# **Critical Facilities Vulnerability**

- Detailed information on each jurisdiction's most vulnerable assets
- List of key issues or problems describing each jurisdiction's greatest vulnerabilities to natural hazards
  - Not overly technical
  - > Concise
  - Jurisdiction-specific

# **Critical Facilities Vulnerability**

- What do you feel is your jurisdiction's greatest vulnerability <u>related to natural hazards</u> and why?
- Which critical facilities/infrastructure within your jurisdiction do you feel have the <u>greatest vulnerability to natural hazards</u> and which hazard are they most vulnerable to?

- Mitigation is any sustained action that reduces the long-term risk to people and property from natural & man-made hazards
- Examples of mitigation projects & activities:
  - Community safe rooms
  - Install "hardening" materials at critical facilities
  - Burying utility lines to critical facilities
  - Identifying access & functional needs populations for notification of hazard events

- Determine status of existing mitigation projects & activities
- Identify new mitigation projects & activities
- Individual project lists will be created for each participating jurisdiction
- Plan is aimed at mitigation-related projects
  <u>NOT</u> emergency response or maintenance projects

#### Handouts provide examples of mitigation projects & activities

'-- damage.

#### **FEMA Mitigation Ideas:**

A resource for reducing risk to natural hazards

The following excerpts from FEMA's Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards publication is intended to stimulate discussion about the types of potential activities and projects needed in your jurisdiction.

#### Severe Wind

- Adopt and Enforce Building Codes
- Adopt regulations governing residential construction to Requiring tie-downs with anchors and ground anc type for manufactured homes.

#### Protect Power Lines and Infrastructure

The regular maintenance and upkeep of utilities can h Burying power lines to provide uninterrupted p considering both maintenance and repair issue

#### Retrofit Residential Buildings

- The following types of modifications or retrofits to e reduce future wind damage:
  - Installing safe rooms. Reinforcing garage doors.

Protect Buildings from Hail Damage

minimize damage.

hail damage include:

#### **Retrofit Residential Buildings and Critical Facilities**

- cover damage.

Including measures such as structura

Improving roof sheathing to preven

Installing hail resistant roofing and

window pans, and hail-resistant roof

- Upgrading and maintain existing lightning







COUNTY Mitigation Project List Examples

Madison County Multi-Jurisdictional All Hazarde Miligation Plan

Mitigation Strategy

4-255

New

Potential Mitigation Projects

Develop and implement an outreach program that works with loc

Uevelop and implement an outreach program that works with low identify the risks to their employees and properties from nature the ordiners they can take to reduce or eliminate these relevant

identity are rease to one remployees and properties from nature the actions they can take to reduce or eliminate those risks and the state to restate a construct following entities because

une actions they can take to requice or eliminate those risks at can take to maintain operations following a natural hazard even

Develop/Distribute public information materials that inform in

Usereproductione public information materials that muture in risks to life and property associated with natural hazardis ensurements that they can take to reduce or eliminate that risk nsits to life and property associated with natural nazards measures that they can take to reduce or eliminate their risk.

Develop information materials for schools that describe the

version mormation materials for schools mat describe the natural hazards, the protective measures that students presedure in pleasing one of an experiation pulse should be

natural nazardos, the protective measures that succents procedures in place in case of an evacuation. Drills should extend to produce the execution execution of the evacuation of the succentre of the succentre of the evacuation of the succentre of the succentre of the evacuation of the succentre of the succen

Provide workshops on structural and low-cost non-struc

Provide workshops on structural and low-cost non-structural and low-cost n

Purchase and install automatic emergency power i

Purchase and install automatic emergency power ( location(s)) to provide uninterrupted power to critica

Purchase portable emergency backup generators tr

Install landscape barriers (living snow fences) alor

insian ianuscape pamera (inving snow rences) and streets and roadways (emergency routes) to mainta to a schedule because the bod and anon become down at

streets and roadways temergency routes) to mainta (i.e., schools, hospitals, etc.) and ease hazardous dr

Retrofit bridges to seismic standards to improve res

Construct community safe rooms (tornado shelters

Replace/upsize select roadway culverts and bridg

nemanennesses seren naaway curvers and broblem and alleviate recurring flooding/drainage problem

Clean debris/obstructions out of culverts to r

upgrevenences are vineges source and runoff in an effort to alleviate flooding/drainage

reduce/prevent drainage problems. Upgrade/retrofit the Village's storm sewer syst

Fullonase portable entergency to Wells, etc. during power outages.

procedures in place in case of an evacuation. Utilia sh school to practice the evacuation procedures outlined.

The following list is intended to stimulate discussion about potential

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Public Information/Education

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Infrastructure

- Upgrade/retroft drinking water system (lines, mains, hydraus etc.) to ensure a constant supply of water for residents and use conservation in case of a natural harvert event -

- suppression in case of a natural hazard event.

- Conduct sewer line reconnaissance study to identify locations where storm water infiltrates the lines.

- Each participating jurisdiction needs to have a list of projects & activities
- Lists will be specifically tailored to each jurisdiction
- List represents what each jurisdiction would like to see accomplished <u>IF</u> funding becomes available
- It does not obligate your jurisdiction to fund or complete the projects (represents a wish list)

- Information Needed:
  - Description of the Project/Activity
  - Individual/Department responsible for administering the Project
  - Estimated time frame

Hazard Mitigation Projects Multi-Jurisdictional Hazard Mitigation Plan

Participating Jurisdiction	
Prepared by:	
Title	Date:
Project Description	Position/Organization Responsible for Implementation & Complete the Administration of the Project ( <i>i.e. Mayor / Cir. Council</i> <i>Puble Violas Director</i> <i>Fine Chef Josed of Trainels</i> )

Questions ? Contact Andrea or Ken at (217) 585-9517

### Mission Statement

## Goals

- Describe the objective(s) or desired outcome(s)
- Intended to reduce long-term vulnerabilities
- Should cover a comprehensive range of projects & activities

### What happens next?

- ✤ 2<sup>nd</sup> Meeting Date
- Main Topic Risk Assessment & Mitigation Project Lists
- Review "Tasks to be Completed" handout
- AEC Contact Information Handout
- Questions?