

SQUAXIN INDIAN TRIBE HAZARD MITIGATION PLAN UPDATE

Planning Team Kick-off Meeting

September 22, 2023



INTRODUCTIONS

- ▶ *Who are you?*
- ▶ *Where are you from?*
- ▶ *Were you involved in the Tribe's 2019 mitigation plan?*



TODAY'S DISCUSSION

- ▶ The Planning Team
- ▶ The Disaster Mitigation Act
- ▶ FEMA requirements for Natural Hazard Mitigation Plan update
- ▶ Our Work Plan
- ▶ Review of 2019 Plan
- ▶ Begin Data Capture!
 - ▶ Confirm definition of Critical Facilities
 - ▶ Identify Hazards of Concern
 - ▶ Previous Impact from Disaster Incidents?
 - ▶ Review / Confirm Goals & Objectives
 - ▶ Capabilities Assessment

WHAT IS THE DISASTER MITIGATION ACT (DMA)?

Under the Robert T.
Stafford Act –

- Federal legislation that establishes a pre-disaster hazard mitigation program and new requirements for the national post-disaster Hazard Mitigation Grant Program (HMGP)

RESPONSE TO THE DMA FOR THE SQUAXIN ISLAND TRIBE

Initial HMP was developed in 2010
and then updated in 2018 –
approved by FEMA in 2019.

2010

August 2023

The Tribe's HMP will officially expire on
November 13, 2024.

- ▶ 44 CFR Section 201.7 states that approved local HMP's must be updated at least every 5 years to remain eligible under the DMA.
- ▶ Effective plans are those that remain relevant, which requires review and enhancement regularly.
- ▶ Maintaining an established HMP creates opportunities to integrate with other planning processes and planning efforts with adjacent jurisdictions.

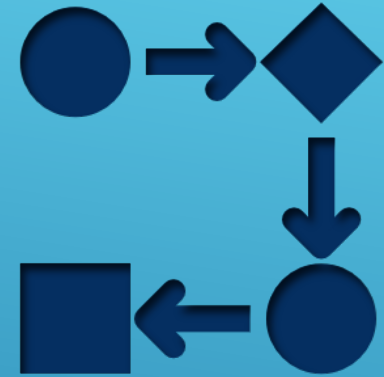


UPDATE REQUIRED

- ▶ FEMA has established required elements for updates to HMP's.
- ▶ These requirements are comprehensive and include:
 - ▶ Re-engaging the public
 - ▶ Review/revise risk assessment
 - ▶ Review/revise goals and objectives
 - ▶ Review/revise action plan (strategies)

REQUIRED ELEMENTS FOR APPROVAL

This planning approach follows a regulated process as defined by FEMA, which we have broken down into Phases of plan development.



WORKPLAN AND APPROACH

Phases of Plan Development

Phase 1-Organize Resources

- Planning Team
- Plan review
- Recommendations
- Agency Coordination

Phase 2- Risk Assessment

- Update Hazards of concern
- HAZUS / GIS
- Utilize best available data

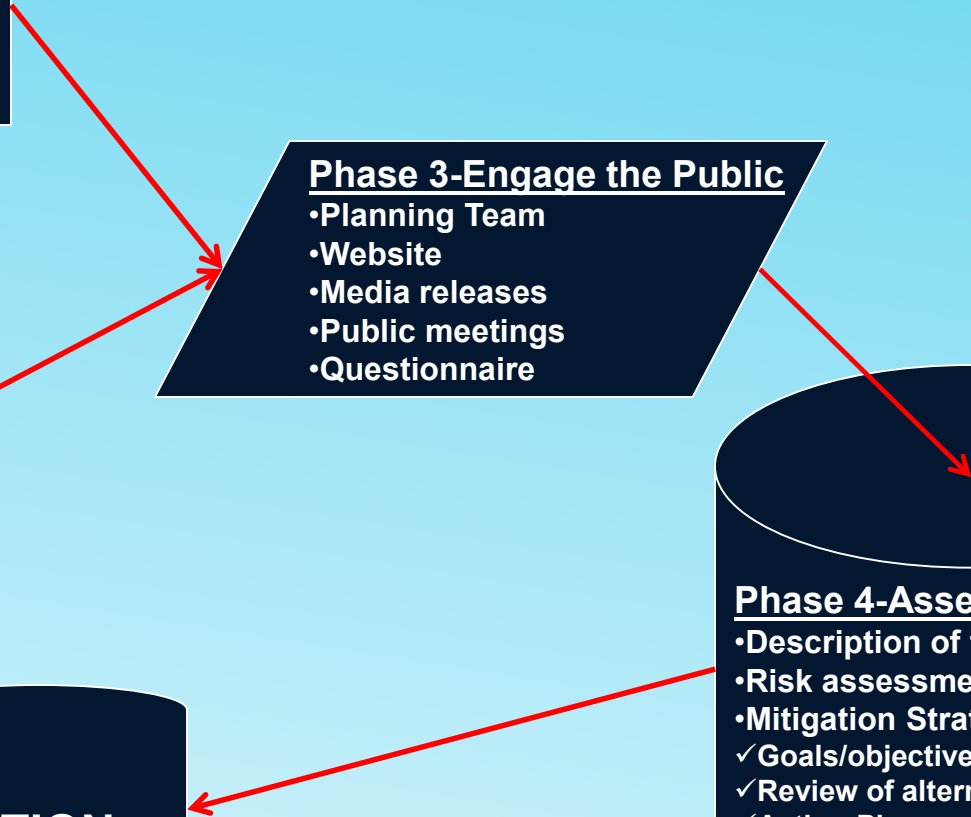
Phase 3-Engage the Public

- Planning Team
- Website
- Media releases
- Public meetings
- Questionnaire

Phase 4-Assemble the plan

- Description of the process
- Risk assessment
- Mitigation Strategy
- ✓Goals/objectives
- ✓Review of alternatives
- ✓Action Plan
- Plan Maintenance

Phase 5-ADOPTION



CHANGES BETWEEN 2019-2024 PLAN

- ▶ What has changed in the planning area?
- ▶ How has our risk changed?
- ▶ Development trends – have they increased or decreased our risk and vulnerability?

CHANGES BETWEEN 2019-2024 PLAN

How has the actual plan changed?

- ▶ Totally new layout
- ▶ Planning Team Members
- ▶ Risk Assessment - This edition we will be using GIS exposure analysis and results from the HAZUS program utilizing existing data as required.
- ▶ Risk Assessment – Critical Facility Impact

APPROACH FOR 2024 HMP UPDATE

- ▶ General overview of the existing Plan (today and homework)
- ▶ Implement public involvement strategy (today)
- ▶ Review new plans, studies, policies since 2019 (on-going)
- ▶ Update existing hazard profiles
- ▶ Update list of critical facilities/infrastructure (in-process)
- ▶ Complete a new risk assessment (in-process)

APPROACH FOR 2024 HMP UPDATE

- ▶ Update mitigation goals, objectives & initiatives (today)
- ▶ Update capability assessment (next effort)
- ▶ Update plan maintenance procedures (end)
- ▶ Adoption of Plan by Tribe (once approved by FEMA)

TIMELINE



- ▶ We anticipate this process *could* take up to 7-9 months to complete, depending on direction from Planning Team, disaster events, etc.
- ▶ Our goal is to have this plan completed within 9 months.



QUESTIONS?

DEFINE PUBLIC

- ▶ Unique to Tribal planning is the option to define “public” and who is involved in this process.
- ▶ Customarily, it can include:
 - Tribal Members
 - Tribal Employees
 - Subject Matter Experts which the Tribe approves
 - Supporting partners and Stakeholders

PUBLIC OUTREACH STRATEGY

- ▶ 44 CFR 201.7 - Requirement is for two outreach components:
 - 1) During planning process to confirm hazards
 - 2) End of the process to review the plan (minimum two-week review period)

PUBLIC OUTREACH OPTIONS

- ▶ Options
 - Press Release
 - Survey
 - Website
 - Public meeting presentation
 - Existing meetings

2024 HMP UPDATED RISK ASSESSMENT

Identify & Rank Hazards

- ▶ Identify the natural hazards affecting the area
- ▶ Continue to address Climate Change, but within each profile
- ▶ Enhance Severe Storms (change to Severe Weather)

2024 HAZARDS - CONFIRM

- ▶ Drought
- ▶ Earthquake
- ▶ Flood
- ▶ Severe Weather
- ▶ Wildfire
- ▶ Hazardous Materials (within each hazard profile)
- ▶ Climate Change (within each hazard profile)

2024 HMP UPDATE RISK ASSESSMENT

- ▶ Use Calculated Priority Risk Index (CPRI) to rank hazards – new method for 2024 HMP
 - ▶ Probability – Highly, likely to unlikely
 - ▶ Severity/Magnitude – catastrophic to negligible
 - ▶ Extent and Location - negligible to catastrophic
 - ▶ Warning Time - < 6 hours to > 24 hours
 - ▶ Duration - < 6 hours to > one week

CRITICAL FACILITIES

- ▶ Critical Facilities Defined (see handout)
 - ▶ New plan incorporates definition in the identification of critical facilities which will be assessed for this update.

GOALS AND OBJECTIVES

- ▶ Enhanced for the 2024 Edition(handout):
 1. Reduce natural hazard-related injury and loss of life.
 2. Reduce property damage.
 3. Promote a sustainable economy.
 4. Maintain, enhance, and restore the natural environment's capacity to absorb and reduce the impacts of natural hazard events.
 5. Increase public awareness and ability to respond to disasters.

2023 HMP UPDATE PLAN MAINTENANCE

- ▶ Evaluate whether plan maintenance procedure from 2019 HMP was effective, and if not, determine approach that will work for life of new Plan
 - ▶ Monitoring HMP
 - ▶ Monitoring Mitigation Projects
 - ▶ Continued Public Involvement
 - ▶ Annual Report Card

2024 HMP UPDATE CAPABILITY ASSESSMENT

- ▶ Update programs, policies, ordinances specific to hazard mitigation.
 - ▶ This includes can also illustrate policies or procedures in place that negatively impact hazard mitigation.

STRATEGIES

- ▶ Action items to be implemented that reduce risk in some form.....
- ▶ Can be -
 - ▶ A project (e.g., enhance assessor's data, capture GIS data for fire hydrants)
 - ▶ A program (e.g., public education outreach effort for wildfire mitigation efforts)
 - ▶ Structural (e.g., seismic retrofit)
 - ▶ Policy development or update of existing policy
- ▶ Need to also identify status of old strategies, as well as identify new ones.

HOMEWORK

1. Review Tribe's 2019 HMP
2. Capabilities Matrix
3. Strategies
4. New plans, studies, reports.

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