

# APPENDIX D

## Abbreviated Data Entry Form for Proposed Mitigation Initiatives

### COUNTY-WIDE NATURAL HAZARD MITIGATION PLAN FOR THE THURSTON REGION

#### Mitigation 20/20™ Abbreviated Data Entry Form For Proposed Mitigation Initiatives

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Governmental Entity: \_\_\_\_\_

Department/agency submitting initiative: \_\_\_\_\_

Contact Individual Name: \_\_\_\_\_

E-mail: \_\_\_\_\_ Phone: \_\_\_\_\_

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#### **I. INITIATIVE DESCRIPTION**

A. Initiative Name: \_\_\_\_\_  
(first few words)

B. Initiative Number: \_\_\_\_\_  
(e.g., L-FH-1:)

C. Initiative Priority for your Entity: \_\_\_\_\_  
(e.g., 1 of 46; 15 of 46; or 45 of 46)

#### **II. THE COST OF NO ACTION**

A. What is the dollar value of the total direct losses for damages or destruction to the facility, system or neighborhood likely in this scenario: \$ \_\_\_\_\_

B. What is the dollar value of the total indirect losses (e.g., lost job income, lost revenue, extra operating costs, etc.) likely in this scenario: \$ \_\_\_\_\_

C. Will the initiative avoid or prevent all of these direct and indirect losses?  
 yes  no  
If no, what percent decrease in losses can be estimated? \_\_\_\_\_%

**III. THE BENEFITS OF THE PROPOSAL**

- A. Is a designated “critical facility” to be benefited by the proposal?    yes  no
- B. For all types of proposed initiatives, including those for protection of critical facilities, give the following:
  - 1. Number of people directly and indirectly benefited: \_\_\_\_\_
  - 2. Percentage of the jurisdiction’s population or organization’s client based benefited: \_\_\_\_\_%
  - 3. Number of structures to be benefited: \_\_\_\_\_
  - 4. Total estimated value of the structures and contents: \$ \_\_\_\_\_
  - 5. Number of businesses to be benefited: \_\_\_\_\_
  - 6. Total estimated number of employees benefited: \_\_\_\_\_
  - 7. Valuable environmental resources to be protected?    yes  no
  - 8. Valuable cultural or historic resources to be protected?    yes  no

**IV. THE COST OF THE PROPOSAL**

- A. Estimate the total cost to implement to proposal (for design and construction, purchase and installation, etc.) \$ \_\_\_\_\_
- B. What is the projected life of the project? \_\_\_\_\_ years
- C. Provide an estimate for any annual maintenance costs: \_\_\_\_\_ \$ per year

**V. THE COST IMPACT OF THE PROPOSAL**

Some mitigation initiatives could result in costs to others for their implementation, in addition to costs to the proposal’s sponsor or the organization that implements the proposal. This section allows the “cost impact,” if any, to be estimated.

- A. Provide an estimate of the initial cost impact of implementation: \$ \_\_\_\_\_
- B. Include any anticipated annual impact costs: \_\_\_\_\_ \$ per year

**VI. COMPARISON OF BENEFITS TO COSTS**

The preliminary benefit to cost ratio only considers values that can be measured in dollars. The Mitigation 20/20™ approach considers “intangible” benefits of the proposed initiative as well, such as lives saved and injuries prevented, as well as valuable environmental or cultural resources protected. This is done by applying “multipliers” to the preliminary benefit to cost ratio to increase it to a level commensurate with the intangible benefits it would derive. These multipliers are the following:

Check the box that most applies to this proposal.

	<b>Public Health and Safety Factor</b>	<b>Valuable Resource Factor</b>
	No benefit	No benefit
	Benefits up to 1,000 people	Benefits less than 10 acres or one structure/site
	Benefits 1, to 50,000 people	Benefits 10-50 acres or two structures sites
	Benefits 50,000 to 250,000 people	Benefits more than 50 acres or more than 2 structures
	Benefits more than 250,000 people	

## VII. FEASIBILITY OF IMPLEMENTATION

- A. Check the statement that most applies to this proposal regarding its consistency with other applicable plans, programs or policies of the jurisdiction or proposing agency:
- The proposal is listed in at least 3 other documents or is highly consistent with other plans
  - The proposal is listed in at least 2 other documents and is consistent with other plans
  - The proposal is listed in at least 1 other document and is not inconsistent
  - The proposal is not listed in any documents or is in conflict with other documents
  - The proposal may have inconsistencies and needs more analysis
- B. Estimate how long it will take to complete implementation of the proposal in years or fractions of years: \_\_\_\_\_ years
- C. Check the statement that most accurately describes implementation effort needed for this proposal:
- The proposal would be relatively easy to accomplish in a year
  - The proposal is not anticipated to be difficult to accomplish
  - The proposal is somewhat difficult to accomplish
  - The proposal is difficult to accomplish
  - The proposal is very difficult to accomplish
- D. Check the statement that most accurately describes how the community would react to the implementation of the proposal:
- The proposal is likely to be endorsed by the entire community
  - The proposal would benefit those affected, with no adverse reaction from others
  - The proposal would be somewhat controversial
  - The proposal would be strongly opposed by most
  - The proposal would be strongly opposed by nearly all
- E. Check the statement below that most accurately defines the funding situation for the proposal:
- No potential funding sources can be readily identified
  - The only potential funding source is a federal or state mitigation grant
  - Funding could be accomplished with local matching funds
  - Funding could be obtained through local budget or grants
  - Local funding with high probability for grant funds

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