

RESILIENT SOLUTION STRATEGY IDENTIFICATION WORKSHEET

Instructions:

Use this worksheet directly or as a guide to record potential infrastructure resilience strategies (1 per project) identified during planning.

Strategy Title	
Issue Addressed	
Approach	
Benefits	
Cost Estimate	
Challenges	
Potential Funding	
Timeline	
Other Alternatives	

RESILIENT SOLUTION STRATEGY IMPLEMENTATION WORKSHEET

Instructions:

Use this worksheet directly or as a guide to record potential mitigation projects (1 per project) identified during the planning process. Provide as much detail as possible and use additional pages as necessary.

Mitigation Project Title	
Priority (High, Medium, Low)	
Responsible Office	
Issue/Background	
Approach	
Benefits (Losses Avoided)	
Cost Estimate	
Potential Funding	
Schedule	
Existing Planning Mechanism(s) through which Action Will Be Implemented	

Example

Action #12: Elevate Remaining 95 Homes in the Dry Creek Watershed

Issue/Background: Historically, flooding in the Dry Creek watershed has been a major concern. The February 1986 flood caused widespread damage in most of the Dry Creek watershed. Nearly all bridges and culverts were overtopped, with 30 sustaining embankment damages and one crossing washing out; two bridges over Dry Creek were damaged, street cave-ins occurred at a number of locations, and over 125 homes flooded. Of the 145 homes subject to historical flooding within the Watershed, 95 structures remain non-elevated. Of these 95 remaining homes, 25-30 declined initial grant money for elevation as did the three repetitive loss structures. XXX County is not only concerned with existing flooding problems, but with future problems resulting from increased growth and development in the area. According to the 1992 Dry Creek Watershed, Flood Control Plan, substantial flood damages will occur with the 100-year flood under existing conditions. Areas with the most extensive and frequent damages include areas in the location of the 95 homes. The report indicates that some of these areas are susceptible to flooding from storms as frequent as the 10-year storm. Elevating the remaining 95 homes will reduce future flood-related losses.

Other Alternatives: No Action

Responsible Office: XXX County Flood Control and Water Conservation District, in conjunction with its member agencies.

Priority (H, M, L): Medium

Cost Estimate: The cost to elevate is estimated at \$40 per square foot. Homes need to be elevated anywhere from one to six feet. Of the 95 homes where elevating is feasible, it is estimated to cost \$6 million or \$50 to \$60 K per home.

Benefits (Losses Avoided): Life Safety; Reduction in Property Loss.

Potential Funding: HGMP, PDM, Dry Creek Trust Fund

Schedule: Within three years