



# APPENDIX C: MITIGATION ACTION ALTERNATIVES & PRIORITIZATION

Example Mitigation Actions
1. Support a program to replace existing overhead primary electric lines to underground
2. Create additional acceptable community storm shelters for residents
3. Identify critical facilities that are vulnerable to natural and man-made hazards.
4. Identify and clearly mark evacuation routes.
5. Identify and seek additional methods of financial and technical assistance for hazard mitigation projects.
6. Develop and implement a local hazard training plan.
7. Upgrade and enhance power lines to endure ice and wind conditions and provide back-up power between substations.
8. Support an electric power upgrade program designed to protect lines including tree trimming and pole replacement.
9. Replace water lines in jeopardy of being damaged due to expansive soils.
10. Acquire a permanent back-up generator for the Rural Water District _____ water plant.
11. Acquire a series of variable speed pumps to assure the ability of Rural Water District _____ to supply water during natural and man-made disasters.
12. Acquire outdoor tornado warning sirens for the _____ area.
13. Acquire audio and visual emergency communication and notification systems for interior and exterior of school grounds.
14. Acquire and install emergency generators for buildings prioritized on building usage for University grounds.
15. Reduce the damage from flooding in school buildings by evaluating storm and sanitary sewers and prioritizing repairs on school grounds.
16. Evaluate cost effective solutions to assure protection of electrical and building systems during lightning storms.
17. Evaluate existing buildings for safe areas from severe weather, and prioritize replacements and upgrades to existing facilities.
18. Acquire outdoor warning systems and other early warning devices for unincorporated areas such as _____
19. Create a storm shelter / saferoom at the _____.
20. Implement a program promoting the purchase and use of NOAA weather radios in homes
21. Implement a program promoting the purchase and use of NOAA weather radios in long term care facilities and other businesses.
22. Acquire or conduct structural remediation of flood-prone properties in the _____ area.
23. Construct communication "huts" at three strategically placed locations throughout _____ County.
24. Acquire and install a permanently mounted emergency generator for the _____ County courthouse.
25. Study drainage issued throughout the county in flood prone areas, and make recommendations for flood control measures, flood management procedures, and low-water crossing improvements.
26. Acquire Light Detection and Ranging (LIDAR) mapping system to assist with flood control projects.
27. Continue to participate in the National Flood Insurance Program.
28. Provide additional support to the Community Rating System to raise the rating to the next level.

## Example Mitigation Actions

29. Provide homeowner education on wildfire mitigation in wildland-urban interface.
30. Reduce hazardous fuel loads in prioritized wildfire risk areas.
31. Increase public and fire department training on wildland-urban interface fires.
32. Improve coordination, planning, and investment in long-term water supplies to meet demands of ongoing growth and development.
33. Enhance existing GIS program to improve capabilities in mitigation, preparedness, and response for all hazards.
34. Assess vulnerability of critical infrastructure and lifeline utilities, including water distribution systems, to identify and prioritize projects for multi-hazard risk reduction.
35. Assess vulnerability of critical facilities, including police/fire stations, hospitals, schools, and others, to identify and prioritize projects for multi-hazard risk reduction.
36. Preserve open space in the floodplain through regulatory and non-regulatory methods.
37. Develop a program or system for supporting vulnerable populations during emergency events.
38. Develop a plan for supporting medically fragile and special needs students at each school site during emergency events.
39. Implement natural hazards review criteria for new development to improve long-term loss prevention.
40. Establish a livestock disposal plan and compost team to address livestock fatality during extreme heat events.
41. Update flood damage prevention ordinance to include new FEMA digital flood insurance rate maps.
42. Ensure the maintenance and enhancement of established disaster evacuation routes.
43. Improve lighting and traffic controls at critical intersections and roadways to improve safety during fog events.
44. Develop an awareness plan to educate people about the dangers of naturally-occurring diseases, such as influenza and vaccine-preventable diseases.
45. Continue and enhance housing rehabilitation program.
46. Provide educational materials about natural hazards and risks in \_\_\_\_\_ County to customers in utility bills.
47. Conduct regular emergency preparedness drills for school children at all levels, including tornado drills, and fire evacuation drills.