

## Appendix C. Action Plan Table

### C.1 Action Plan Table

Actions	Projected Resources	Rational for Action	How Action Contributes to Mitigation Strategy	Update Status (2013)
<b>10.2 Administrative Action Items</b>				
Action 10.2.1 ó Plan Adoption	Staff Time ó General Revenue Funds	The County, each municipality, and Kankakee Community College will adopt this <i>Natural Hazards Mitigation Plan</i> by passing the resolution in Section 10.5 or 10.6, as appropriate. The County's resolution charges the Planning Department with the tasks described in the next action item. The municipal resolution adopts the action items that are pertinent to the community and assigns a person responsible for them.	Formal adoption of the plan ensures that County and municipal staffs are authorized and instructed to implement the action items. Adoption is also a requirement for recognition of the plan by mitigation funding programs and the Community Rating System.	In progress, to be completed after FEMA, IEMA review.
Action 10.2.2 ó Monitoring and Reporting	Staff Time ó General Revenue Funds	A plan is worthless if there is no instrument for ensuring that it is carried out. Accordingly, the Kankakee County Regional Planning Commission is proposed to monitor the implementation of this <i>Plan</i> , report to the County Board and municipalities on its progress, and recommend revisions to this <i>Plan</i> as needed	The Commission would be, in effect, Kankakee County's hazard mitigation conscience, reminding the agencies and municipalities that they are all stakeholders in the <i>Plan</i> 's success. The resolution charges it with seeing the <i>Plan</i> carried out and recommending changes that may be needed. While it has no formal powers, its work should act as a strong incentive for the offices responsible for the action items to meet their deadlines.	On-going process throughout life of the plan.
Action 10.2.3 ó Community Rating System	Staff Time ó General Revenue Funds	With help from the Insurance Services Office, the Planning Department will develop an abbreviated application to the Community Rating System that includes those activities undertaken by communities in Kankakee County and/or are recommended by this <i>Plan</i> . The Department will host a workshop to review the application. Participants will determine whether to apply for a Community Rating System flood insurance premium rate discount.	There are many benefits to CRS participation, as explained in Section 1.4. In addition to saving residents money, the CRS has been shown to provide an effective incentive to implement and maintain floodplain management activities, even during times of drought.	In progress. A workshop will be held in Spring 2014.

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<b>10.3 Program Action Items</b>				
Action 10.3.4 ó Development Regulations	Staff Time ó General Revenue Funds	County and municipal plans and ordinances provide the impetus for the implementation of many of the Hazard Mitigation Plans goals and actions.	The County Planning Department will provide model ordinance language to the Spring 2014 mitigation review meeting of the Regional Planning Commission. Communities will review the language and incorporate it as appropriate when their relevant plans and ordinances are up for review.	In progress. The model ordinance will be distributed in Spring 2014.
Action 10.3.5 ó Building Code Improvements	Staff Time ó General Revenue Funds	Updated building codes can help to mitigate potential hazards before they develop.	The County Planning Department will provide assistance to local municipalities wishing to update their codes.	In progress.
Action 10.3.6 ó Regulation Administration	Staff Time ó General Revenue Funds	Code administrators need to ensure that newly installed manufactured homes, especially those in manufactured housing communities, are being properly installed to protect them from wind damage and that all provisions of their floodplain management regulations are being enforced. Also, Aroma Park and Kankakee should ensure that at least one staff member is a Certified Floodplain Manager.	Closer scrutiny of manufactured housing installation will help ensure that they are securely connected to the foundation and protected from flooding. Certification will ensure that staff understands their responsibilities under the National Flood Insurance Program.	On-going.
Action 10.3.7 ó Floodplain Mapping	Staff Time ó General Revenue Funds	The County will work with FEMA, the Illinois Department of Natural Resources (IDNR), and the other communities in the National Flood Insurance Program to obtain a revised Kankakee County Flood Insurance Rate Map (FIRM).	An accurate, up to date FIRM is a prerequisite for managing new development, setting accurate insurance rates, and flood response planning.	Completed.
Action 10.3.8 ó Stormwater Management	Staff Time ó General Revenue Funds	The County Board and all municipalities should adopt and implement the new model stormwater management ordinance and appropriate best management practices.	Adoption of the new model and implementing its requirements as well as best management practices for government activities will reduce the adverse impacts of runoff, prevent local drainage problems, protect natural areas, & ensure a consistent set of standards.	Completed.

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Action 10.3.8 ó Property Evaluations	Staff Time ó General Revenue Funds	Each entity should assess its critical facilities and publicly owned buildings and their insurance policies for exposure to damage.	Keeping critical facilities and other public buildings operational during and after a natural disaster, hazardous materials spill, or other type of emergency is vital to public health and safety. This action item would provide a summary for each facility of its exposure to damage by natural hazards and other known hazards and a general blueprint of what could be done to reduce that exposure. It is hard to put a dollar value on potential damage averted, but damage to even one critical facility could exceed \$100,000 in repair costs and the ripple effect on other people and property.	On-going.
Action 10.3.10 ó Repetitive Loss Evaluations	Apply for funding for the Flood Mitigation Assistance, Pre-Disaster Mitigation, and Hazard Mitigation Grant Programs, as appropriate .	The County will apply for funds to support an evaluation of all 124 properties in the 16 repetitive loss areas. If funded, the County will conduct a field survey to collect more data on each property. The data will be recorded in FEMA's new software for mitigation of repetitive loss properties, which will provide more detailed mitigation recommendations than those in Chapter 6. The owners will be contacted before this work.	Repetitive flooding takes its toll on people and property and leads to deterioration of neighborhoods over time. Reducing the damage caused by repetitive flooding will address the number one reason why the National Flood Insurance Program has to raise premium rates. Lower cost projects can be funded by the owners, resulting in no cost to the County or municipality. If an acquisition or elevation project is recommended, a favorable benefit/cost ratio is a prerequisite for financial assistance.	Apply for grant funding in 2014.

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Action 10.3.11 ó Property Protection Assistance	Present a proposed program, with funding alternatives , to the Spring 2015 meeting of the Regional Planning Commission, after completion of action item 10.	The findings in action item 10, Repetitive Loss Evaluations, will provide more detailed information on appropriate property protection measures for typical floodprone buildings in the County. Some of these will necessitate state or federal funding support, while others could be accomplished at relatively low cost.	In some cases, staff time to provide technical information is all that is needed to guide and motivate a property owner to construct or install a property protection measure. Using a 25% rebate level, for every dollar spent by the community, \$4 will be spent to protect a property from damage. Many Chicago area communities have found these approaches to protect against local drainage and sewer backup problems to be a real cost saver compared to public works projects to control drainage or replace sewer pipes.	In progress. To be presented to RPC in Spring 2015.
Action 10.3.12 ó Tree City USA	Staff Time ó General Revenue Funds	Each municipality will implement an urban forestry program that qualifies it to become a Tree City, USA. To qualify for Tree City USA, a city or village must meet four standards, which are explained in more detail on page 6-9	In addition to improving a community's appearance, an active urban forestry program will address the major problems caused by winter storms and high winds ó loss of power, telephone and cable services and damage to vehicles and buildings due to falling trees or limbs.	Incorporate program into fiscal 2015 budget.

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Action 10.3.13 ó Flood Warning & Response	Staff Time ó General Revenue Funds	EMA will review what is needed to install new gauges or otherwise improve the County's flood threat recognition system. It will also explore preparing a flood stage forecast map for one or more stretches of the County's major rivers. The map will show areas that will be inundated at various flood levels and will identify properties and roads that will be affected. The map will be reviewed with affected agencies and ócalibratedö to historical floods.	Early recognition of an impending flood can save lives and prevent property damage. A flood stage forecast map can quickly show the impact of a predicted flood and help EMA, municipal, and township officials take appropriate actions before an area is flooded. For example, ten minutes of warning would give local authorities time to close a road or evacuate a parking lot before they are flooded. The data collected from a new gauge would also help in evaluating watershed plans and models.	To be completed by Spring 2014.
Action 10.3.14 ó Outdoor Warning System	General Revenue Funds	The County will establish a program to continue to install or upgrade outdoor warning systems. Priority funding should go to Hopkins Park, Cabery, and Irwin, the only municipalities that have no outdoor warning sirens or in the case of Hopkins Park, minimal warning sirens.	Outdoor warning systems are the most effective way to protect people who are outdoors and exposed to an impending hazard, such as a tornado or severe thunderstorm. By making such systems affordable for the smaller communities, many lives will be protected from such hazards. A cost-sharing approach will also ensure that new sirens will be consistent with EMA's standards	In progress.

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Action 10.3.15 0 StormReady	Staff Time ó General Revenue Funds	The County will review the requirements for becoming a StormReady community. If the standards appear feasible, it will apply for the designation and will commit to maintaining the designation	As with the Community Rating System, StormReady can be used as a yardstick to ensure the County's programs meet national standards. By meeting the StormReady standards the County will be better able to detect impending weather hazards and disseminate warnings as quickly as possible. It is difficult to measure the resulting benefits of saving lives and preventing injuries and property damage.	Completed.
Action 10.3.16 ó Emergency Response Operations	Staff Time ó General Revenue Funds	To improve the County's and each municipalities ability to respond to hazards, the county will develop post disaster procedures, review emergency management operations, and participate in training exercises.	Emergency response plans that have been carefully prepared, that utilize the latest planning and management tools, that are coordinated with the affected municipalities, and that are regularly exercised will greatly improve local disaster response capabilities. Better disaster response means less loss of life, injury to people and damage to property.	To be completed by February 2015.
Action 10.3.17 ó Fire Protection Operations	Staff Time ó General Revenue Funds	The Essex, Salina, and Pembroke Fire Protection Districts will review the criteria for the Insurance Services Offices' fire department classification system. They will determine whether they have been accurately scored and, if so, they will identify steps to take that will improve both their operations and their insurance classification.	The review will identify any shortcomings and needs of the districts.	To be completed by February 2014.

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Action 10.3.18 ó Small Flood Control Projects	General Revenue Funds	Ensure that certain criteria are met when local government pursue small flood control projects.	The benefits of each project will vary, but this approach ensures that the projects selected will provide the most protection for the cost. Several of the listed criteria assure that adverse impacts will not be transferred on to neighboring or downstream properties.	On-going.
Action 10.3.19 ó River Restoration Projects	Staff Time ó General Revenue Funds	The Corps of Engineers should implement its planned projects to remove sediment and restore habitat at Six-Mile Pool and the State line	The primary benefit will be improved habitat, but there will be secondary flood protection benefits from the removal of sediment and the provision of some upstream flood storage.	Progress report due Spring 2014.
Action 10.3.20	Staff Time ó General Revenue Funds	Each municipality, in coordination with appropriate active drainage districts, will implement a formal and regular drainage system maintenance program. This would involve mapping the local drainage system, determining which areas can be accessed for inspection and maintenance, preparing procedures modeled on Community Rating System and IDNR program guidance, conducting an annual inspection, and removing debris as needed. It would include educating and working with homeowner associations and other non-governmental entities responsible for maintenance on their own properties.	An obstruction to a channel, such as a plugged culvert, can result in overbank flooding during a small rainstorm. By inspecting and maintaining the drainage system, potential flood problems can be identified and corrected before the next big rain. A proactive preventive activity like this can prevent a great deal of flood damage, closed streets, and threats to people.	Develop model procedures by March 2015.
Action 10.3.21	Staff Time ó General Revenue Funds	The Regional Planning Department, the Kankakee River Basin Commission, and Aqua-Illinois Water Company will review the long term potential for a shortage in water supplies and diversion of water to other areas. A report will be prepared that summarizes the potential problems, analyzes alternative solutions, and makes recommendations.	The study will shed light on the problem and the possible solutions. It will help inform the public and elected officials provide a factual basis for action by the local governments and water suppliers. Such actions may prevent or reduce the adverse impacts of a drought on people, property, and habitat.	Draft study to be presented August 2015.

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<b>10.4 Public Information Program Strategy</b>				
Action 10.4.22 6 Messages and Templates	Staff Time 6 General Revenue Funds	The County Planning Department and EMA, with help from members of the Community Development Subcommittee, will prepare background information, articles, templates and other materials that can be used by anyone to communicate hazard mitigation topics.	By preparing a master set of locally pertinent articles and materials, each interested office only has to select the most appropriate media and distribute the messages. By simply inserting an article in a newsletter or putting it on the website, the local level of effort is greatly reduced, which increases the likelihood that the messages will get out.	On-going.
Action 10.4.23 6 County-Wide Activities	Staff Time 6 General Revenue Funds & Donations	The county will partner with municipalities and utility companies to develop and distribute brochures and handouts pertaining to hazards that affect Kankakee County including ways to mitigate these hazards.	There are many benefits to having a well-informed public. For example, deaths from lightning have steadily decreased over the years because people are more aware of what they should and should not do. More self-help and self-protection measures will be implemented if people know about them and are motivated to pursue them.	On-going.
Action 10.4.24 6 Municipal Activities	Staff Time 6 General Revenue Funds	Each municipality will review its needs, resources, and interest in CRS credits and will determine what public information activities it will implement. Municipalities will be supported with materials and templates provided by the County Planning Department.	Same as the previous action item.	On-going.
Action 10.4.25 6 Real Estate Disclosure	Staff Time 6 General Revenue Funds	The County Planning Department will meet with the Association of Realtors to review ways to inform people of the natural hazards that properties are exposed to. A special effort will be made to advise people to check out a site's flood hazard before they are committed to a purchase	This action item has both a consumer protection benefit and a flood protection benefit. House hunters will be more aware of what they are purchasing and can ensure that they can afford flood insurance. They may even plan to retrofit or otherwise protect the property before they move in.	First meeting to be held by March 2014.