

# APPENDIX D

## APPENDIX D – LMS PLAN CROSSWALK

Appendix D includes the completed crosswalk for the draft LMS Plan.

- LMS Plan Crosswalk

## 2014 FLORIDA LOCAL MITIGATION STRATEGY (LMS) CROSSWALK

**INSTRUCTIONS:**

Enter the requested information in each field below. For each requirement, please populate the "Location in Plan" cells. The National Flood Insurance Program's (NFIP) Community Rating System (CRS) Crosswalk has been integrated into the LMS Crosswalk to facilitate review of the planning requirements under this program. The CRS requirements can be hidden or shown by clicking the "+ / -" on the left hand side of the worksheet depending on whether or not communities choose to participate. If your community chooses to minimize the CRS requirements in this worksheet, please select the review tab, click on "Unprotect Sheet", click the "-" next to each CRS requirement, and click "Protect Sheet" to ensure the functionality of the tool.

<b>Jurisdiction:</b> Polk County	<b>Title of Plan:</b> Polk County Multi-Jurisdictional Local Mitigation Strategy	<b>Date of Plan:</b> 2/28/2015
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<b>State Reviewer:</b>	<b>Title:</b>	<b>Date:</b>
<b>Date Received by FDEM</b>		
<b>Date Plan Not Approved</b>		
<b>Date Plan Approved Pending Adoption</b>		
<b>Date Plan Approved</b>		

<b>FEMA Reviewer:</b>	<b>Title:</b>	<b>Date:</b>
<b>Date Received in FEMA Region IV</b>		
<b>Plan Not Approved</b>		
<b>Plan Approvable Pending Adoption</b>		
<b>Plan Approved</b>		

Planning Process		Location in Plan (section and/or page number)	Met	Not Met
P1.	Does the LMS document the planning process, including how it was prepared (with a narrative description, meeting minutes, sign-in sheets, or another method)?	Section II and Appendix B		
P2.	Does the LMS list the jurisdiction(s) participating in the plan that are seeking approval?	pages I-2 and II-4		
P3.	Does the plan identify who represented each jurisdiction? (At a minimum, it must identify the jurisdiction represented and the person's position or title and agency within the jurisdiction.)	Appendix B		
CRS Step 1	a. The office responsible for the community's land use and comprehensive planning is actively involved in the planning process (4 pts)	pages II-3, II-4		
	b. The planning committee is composed of staff that represent each of the categories presented in Step 7 (9 pts)	pages II-2, II-3		
	c. The planning process is formally created or recognized by the community's governing board (2 pts)	Yes, previously adopted LMS		
Reviewer Comments:				
Required Revisions:				
Planning Process continued...		Location in Plan	Met	Not Met
P4.	Does the LMS document an opportunity for neighboring communities, local, and regional agencies involved in hazard mitigation activities, agencies that have the authority to regulate development, as well as other interested parties to be involved in the planning process?	page II-5		
P5.	Does the plan identify how the stakeholders were invited to participate in the process?	page II-7		
CRS Step 2	a. The planning process was conducted through a planning committee that has at least half of its members comprised of public or stakeholder representatives, meets a sufficient amount of times, and is open and advertised to the public (60 pts)	Section II and Appendix B		
	b. Public meetings held at the beginning of the planning process (15 pts)	Yes, since August		
Reviewer Comments:				
Required Revisions:				
Planning Process continued...		Location in Plan	Met	Not Met
P6.	Does the LMS document how the public was involved in the planning process during the drafting stage?	page II-5		
CRS Step 2	c. Public meeting held to accept input on the draft plan (15 pts)	page II-5		
	d. Other public information activities to explain the process or encourage input (Up to 30 pts)	Yes. Website, newspaper blog,		
Reviewer Comments:				
Required Revisions:				

Planning Process continued...		Location in Plan	Met	Not Met
P7.	Does the LMS describe the review and incorporation of existing plans, studies, reports, and technical information?	Page II-7 and Section VIII		
CRS Step 3	a. Includes a review of existing studies and plans [REQUIRED] (5 pts)	Page II-7 and Section VIII		
	b. Coordinating with communities and other agencies (Up to 30 pts)	Section II		
Reviewer Comments:				
Required Revisions:				

Hazard Risk and Vulnerability Assessment		Location in Plan (section and/or page number)	Met	Not Met
R1.	Does the Plan include a general <b>description</b> of all natural hazards that can affect each jurisdiction?	Section IV		
R2.	Does the Plan provide rationale for the omission of any natural hazards that are commonly recognized to affect the jurisdiction(s) in the planning area?	Page IV-3 to IV-6		
CRS Step 4	a-2. Plan includes a description of known flood hazard [REQUIRED] (5 pts)	pages IV-36		
	b. Plan includes assessment of less frequent floods including identifying the hazard, mapping the affected area, and summarizing the hazard (10 pts)	pages IV-15, IV-25		
	c. Plan includes assessment of areas likely to flood or get worse in the future based on development and climate change or sea level rise (5 pts)	pages IV-37 and IV-38		
	d. The plan describes magnitude, history, and probability of other natural hazards (5 pts)	Section IV		
Reviewer Comments:				
Required Revisions:				

Hazard Risk and Vulnerability Assessment continued...		Location in Plan	Met	Not Met
R3.	Does the Plan include a description of the <b>location</b> for all natural hazards that can affect each jurisdiction?	Section IV		
CRS	Step 4 a-1. Plan includes a map of known flood hazards [REQUIRED] (5 pts)	pages IV-23, IV-26, IV-38, IV-48		
	Step 5 d. The assessment describes areas within the floodplain that provide natural functions (5 pts)	page IV-36		
Reviewer Comments:				
Required Revisions:				

Hazard Risk and Vulnerability Assessment continued...		Location in Plan	Met	Not Met
R4.	Does the Plan include a description of the <b>extent</b> for all natural hazards that can affect each jurisdiction?	Section IV		
Reviewer Comments:				
Required Revisions:				



Hazard Risk and Vulnerability Assessment continued...		Location in Plan	Met	Not Met
R5.	Does the Plan include information on <b>previous occurrences</b> of hazard events for each jurisdiction?	Section IV		
CRS Step 4	a-3. Plan includes a discussion of past floods [REQUIRED] (5 pts)	Page IV-37		
Reviewer Comments:				
Required Revisions:				
Hazard Risk and Vulnerability Assessment continued...		Location in Plan	Met	Not Met
R6.	Does the Plan include information on the <b>probability</b> of future hazard events for each jurisdiction?	Section V		
Reviewer Comments:				
Required Revisions:				
Hazard Risk and Vulnerability Assessment continued...		Location in Plan	Met	Not Met
R7.	Is there a description of each hazard's <b>impacts</b> on each jurisdiction (what happens to structures, infrastructure, people, environment, etc.)?	Section V		
CRS Step 5	a. Summary of the vulnerability to each hazard identified in the hazard assessment and their community impact [REQUIRED] (2 pts)	Section V		
	b. Description of the impact of the hazards on: (max: 25 pts)	Section V		
	(1) Life safety, and procedures for warning and evacuation (5 pts)	Section V		
	(2) Public health including individual hazards from floodwaters/mold (5 pts)	Section V		
	(3) Critical facilities and infrastructure (5 pts)	Section V		
	(4) The community's economy, tax base, and major employers (5 pts)	Section V		
	(5) Number and type of affected buildings (5 pts)	Section V		
c. Review of all damaged buildings/flood insurance claims (5 pts)	Section IV			
e. Includes a description of development, redevelopment, and population trends and a discussion of what the future brings for development and redevelopment in the community, the watershed, and natural resource areas (7 pts)	Section III			
f. Includes a description of the impact of the future flooding conditions described in Step 4(c) on people, property, and natural floodplain functions (5 pts)	Section V			
Reviewer Comments:				
Required Revisions:				

Hazard Risk and Vulnerability Assessment continued...		Location in Plan	Met	Not Met
<b>R8.</b>	Is there a description of each identified hazard's overall <b>vulnerability</b> (structures, systems, populations or other community assets defined by the community that are identified as being susceptible to damage and loss from hazard events) for each jurisdiction?	Section IV, Section V		
<b>Reviewer Comments:</b>				
<b>Required Revisions:</b>				

Hazard Risk and Vulnerability Assessment continued...		Location in Plan	Met	Not Met
<b>R9.</b>	Does the Plan describe the <b>type</b> (residential, commercial, institutional, etc.) <b>and number</b> of FEMA repetitive loss properties within each jurisdiction?	Page IV-39		
<b>CRS Step 5</b>	If there are one or more repetitive loss properties in the community, the community must review and update the list of repetitive loss properties, map repetitive loss areas, describe the causes of the losses, and send a outreach project to those areas each year. A community with 10 or more repetitive loss properties (a "Category C" community) must also prepare a plan for addressing its repetitive flood problem.	Page IV-39		
<b>Reviewer Comments:</b>				
<b>Required Revisions:</b>				

Mitigation Strategy		Location in Plan (section and/or page number)	Met	Not Met
<b>S1.</b>	Does the Plan include goals to reduce/avoid long-term vulnerabilities to the identified hazards?	page VI-5		
<b>CRS Step 6</b>	Set goals that address all flood-related problems identified in Step 5 (2 pts)	page VI-13,VI-18		
<b>Reviewer Comments:</b>				
<b>Required Revisions:</b>				

Mitigation Strategy continued...		Location in Plan	Met	Not Met
<b>S2.</b>	Does the plan document each jurisdiction's existing authorities, policies, programs and resources and its ability to expand on and improve these existing policies and programs?	Section VIII		
<b>Reviewer Comments:</b>				
<b>Required Revisions:</b>				



Mitigation Strategy continued...		Location in Plan	Met	Not Met
S3.	Does the Plan address <b>whether or not</b> each jurisdiction participates in the National Flood Insurance Program (NFIP) <b>and how</b> they will continue to comply with NFIP requirements?	pages III-24, III-25		
<b>Reviewer Comments:</b>				
<b>Required Revisions:</b>				
Mitigation Strategy continued...		Location in Plan	Met	Not Met
S4.	Does the Plan identify and analyze a comprehensive range (different alternatives) of specific mitigation actions and projects to reduce the impacts from hazards?	Section VI		
CRS Step 7	a. Plan includes a review, including pro and cons, of preventive activities, such as codes and ordinances, that could address problems described in step 5, and includes a review of comprehensive or land use plan, building code, zoning ordinance, floodplain management regulation, subdivision ordinance, and storm water management regulations (5 pts)	Section VI		
	b. Plan includes a review of floodplain management regulatory standards to determine if they're sufficient for current & future conditions (5 pts)	page VI-19		
	c. Plan reviews property protection activities, such as acquisition, retrofitting, and flood insurance (5 pts)	Section VI		
	d. Plan reviews activities that protect the natural and beneficial functions of the floodplain, such as wetlands protections (5 pts)	Section VI		
	e. Plan reviews emergency services activities, such as warning and sandbagging (5 pts)	Section VI		
	f. Plan reviews structural projects, such as levees, reservoirs, and channel modifications (5 pts)	Section VI		
	g. Plan reviews public information activities, such as outreach projects and environmental education programs (5 pts)	Section VI, page VI-6		
S5.	Does the Plan identify mitigation actions for every hazard posing a threat to each participating jurisdiction?	Section VI		
CRS Step 8	a-1. Recommendations for activities from 2 of the 6 mitigation categories listed in Step 7 (10 pts)	Section VI		
	a-2. Recommendations for activities from 3 of the 6 mitigation categories listed in Step 7 (10 additional pts or 20 total pts)	Section VI		
	a-3. Recommendations for activities from 4 of the 6 mitigation categories listed in Step 7 (10 additional pts or 30 total pts)	Section VI		
	a-4. Recommendations for activities from 5 of the 6 mitigation categories listed in Step 7 (40 total pts)	Section VI		
	b. Mitigation action plan establishes or revises post-disaster redevelopment or mitigation policies and procedures (10 pts)	Section VI		
	c. Mitigation action items (excluding public information activities) are listed for other hazards described in the plan (5 pts)	Section VI		
<b>Reviewer Comments:</b>				
<b>Required Revisions:</b>				
Mitigation Strategy continued...		Location in Plan	Met	Not Met

S6.	Do the identified mitigation actions and projects have an emphasis on <b>new and existing</b> buildings and infrastructure?	Section VI		
S7.	Does the Plan explain how the mitigation actions and projects will be prioritized (including cost benefit review)?	pages VI-20 to VI-23		
CRS Step 8	a. Mitigation actions must be prioritized [REQUIRED] (0 pts)	Section VI		
S8.	Does the Plan identify the position, office, department, or agency responsible for implementing and administering the action/project, potential funding sources and expected timeframes for completion?	Appendix C		
CRS Step 8	a. CRS mitigation actions items identify who is responsible for implementation, when it will be done and how it will be funded [REQUIRED] (0 pts)	page VI-2		
<b>Reviewer Comments:</b>				
<b>Required Revisions:</b>				
Mitigation Strategy continued...				
		Location in Plan	Met	Not Met
S9.	Does the LMS identify the local planning mechanisms where hazard mitigation information and/or actions may be incorporated?	Section VIII		
S10.	Does the plan describe each community's process to integrate the data, information, and hazard mitigation goals and actions into other planning mechanisms?	Sections VII and VIII		
S11.	The updated plan must explain how the jurisdiction(s) incorporated the mitigation plan, when appropriate, into other planning mechanisms as a demonstration of progress in local hazard mitigation efforts.	Section VI, Section VIII		
<b>Reviewer Comments:</b>				
<b>Required Revisions:</b>				

Plan Evaluation and Maintenance		Location in Plan (section and/or page number)	Met	Not Met
M1.	Was the plan revised to reflect changes in development?	(For plan updates only) Section IV		
M2.	Was the plan revised to reflect progress in local mitigation efforts? (Were projects completed, deleted or deferred and why if they were deleted or deferred?)	(For plan updates only) Appendix C		
M3.	Was the plan revised to reflect changes in priorities since the plan was previously approved?	(For plan updates only) Appendix C		
Reviewer Comments:				
Required Revisions:				

Plan Evaluation and Maintenance continued...		Location in Plan	Met	Not Met
M4.	Does the plan identify <b>how</b> , <b>when</b> , and <b>by whom</b> the plan will be monitored (how will implementation be tracked) over time?	page VIII-2		
M5.	Does the plan identify <b>how</b> , <b>when</b> , and <b>by whom</b> the plan will be evaluated (assessing the effectiveness of the plan at achieving stated purpose and goals) over time?	page VII-2		
M6.	Does the plan identify <b>how</b> , <b>when</b> , and <b>by whom</b> the plan will be updated during the 5-year cycle?	page VIII-2		
CRS Step 10	a. The community has procedures for monitoring implementation, reviewing progress, and recommending revisions to the plan in an annual evaluation report (2 pts)	page VIII-1		
	b. The annual evaluation report is prepared by the same planning committee that prepared the plan credited in Step 2(a) or by a successor committee with a similar membership created to replace previous group and is charged with monitoring and evaluating implementation of the plan (6 pts if committee meets once a year; 12 pts if committee meets twice/year; 24 pts if committee meets at least quarterly)	page VIII-1, VIII-2		
M7.	Is there discussion of how the community(ies) will continue public participation in the plan maintenance process?	page VII-2		
Reviewer Comments:				
Required Revisions:				

Plan Adoption		Location in Plan (section and/or page number)	Met	Not Met
A1.	Does the Plan include documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval?	page VII-2		
A2.	For multi-jurisdictional plans, has each jurisdiction requesting approval of the plan documented formal plan adoption?	page VII-2		
CRS Step 9	Adopt the plan (2 pts)			
Reviewer Comments:				

**Required Revisions:**