

A Review of the Action Items in the Original Plan

The Action Plan Items are shown below and an update on the progress made for each item is depicted in red:

1. Maintain the County's strong regulatory flood prevention standards, including:
 - Utilization of 100-year design storm for development
 - Closed basin design
 - Lot grading plan
 - Freeboard in all SFHAs
 - Coastal A Zone Requirements – 200' of mht

This activity is conducted throughout the year. The County Floodplain Management Ordinance was updated (2016-07) on March 10, 2016 with the amendments to the Florida Building Code (2016-04) updated on February 25th, 2016. This was done so as to be in compliance with the Florida Model ordinance.

2. Prioritize addressing of flooding issues in repetitive loss areas and implement capital projects to mitigate flooding. Drainage issues should continue to be prioritized in the capital improvement program, particularly in repetitive loss areas. To supplement funding, the County must continue to be proactive in obtaining funding for this program. The following sources are recommended:
 - Community Development Block Program
 - Flood Mitigation Assistance Grant
 - Hazard Mitigation Grant Program

As funding opportunities become available in the above referenced programs, the grants coordinator in consultation with the Public Works Assistant Director, County Administrator and CDBG consultant will discuss priority flooding issues and determine which projects should be submitted for funding depending on many factors including critical need, estimated cost of the project in comparison to the available grant budget and other factors. This activity is ongoing.

3. Implement County's Plan for Public Information.

The Public Information Outreach Strategy was formally replaced with the Plan for Public Information in July 2015. The Flood Mitigation Task Force met on September 22, 2016 to update the PPI. The updated list is attached.

4. Pursue appropriate grants to enhance flood mitigation, including one or more of the following:
 - Flood Mitigation Assistance Grant
 - Hazard Mitigation Grant
 - Pre-Disaster Mitigation Grant
 - Repetitive Flood claims
 - Severe Repetitive Loss

The county submitted grant applications under the Hazard Mitigation and Severe Repetitive Loss Programs as appropriate.

5. Implement the following structural drainage projects previously identified in the Unincorporated County Mitigation Initiatives

- Venetian Way/Coronado Dr
- Chipper/Maranatha Dr
- Ranchettes
- Pace/Patterson Dr
- Aquamarine Dr
- Vestavia Way

The following are HMGP projects are currently being designed-Venetian Way/Coronado Drive, Chipper/Maranatha Drive, Ranchettes, and Pace/Paterson Drive. Aquamarine Drive and Vestavia Way are HMGP projects that will begin phase I design in September 2016.

6. Implement capital flood mitigation improvement projects in the following repetitive loss areas:

- Settlers Colony
- Villa Venyce

Three additional SRL properties located on Coral Strip Pkwy and Coquina Way within Polynesian Isles have been elevated. One property was acquired and demolished. Three additional properties have been submitted for elevation in the area (2014 and 2015). Hazard Mitigation Grant funded Stormwater drainage projects in the Greenbriar and Villa Venyce areas are believed to have aided these areas significantly during the April 30, 2014 flood event. An HMGP grant was approved for Settler's Colony (Villa Venyce) and Phase II Construction was completed in June 2016

7. Provide for shore/bank stabilization at Russel Harbor landing to protect Russel Harbor Rd. from further degradation and to prevent the loss of recreational opportunities.

Grant funds are needed to complete this project. Once funds have been identified, project will begin.

8. Implemented capital project in the City of Gulf Breeze to control flooding that occurs on Center Drive, Dracena Way and Russ Drive. The project will consist of underground drainage, stormwater treatment, and a stormwater pump system.

This project began in August 2014 and was completed April 2016.

9. Provide knowledgeable staff to assist citizens before, during and after an event to understand their repair/rebuilding/flooding/mitigation options.

This activity is conducted throughout the year. Staff members attend continuing education training to maintain/improve their level of knowledge. Staff also attended the Florida Floodplain Managers Conference in March 2016.

10. Update Flood Insurance Rate Maps (FIRMs) to include elevations in all Special Flood Hazard Areas.

This activity is currently underway. Preliminary maps were received on July 18, 2016 and are currently under review. The new maps revise a good portion of the county that were not indicating elevations and changing some properties in/out of the SFHA or the elevation requirements.

11. Identify all critical facilities located within Special Flood Hazard Areas (SFHAs) and make contingency plans for those facilities under the responsibility of the county and continue to work with other agencies to assist with their contingency plans, in the event of flooding.

This activity is conducted throughout the year.

12. The Emergency Management Director will implement the Post-disaster Mitigation Policy and Procedures outlined in Appendix R.

This activity is conducted on a post-disaster recovery basis.

13. The Emergency Management Plans Chief shall ensure that immediately prior to, during and after a hurricane or flood event, pertinent information will be posted concerning major points of interest, such as bridge and road closures, evacuation orders, emergency shelter locations and electrical outages, utilizing the following media:

- County website
- Email advisements
- Television Government Access Channel
- Electronic message boards
- Reverse 911 telephone system
- AlertSantaRosa.com
- Public Service Announcements through local media
- Brochure handouts at PODs
- Other social media as applicable

This activity is conducted on an as-needed basis and was utilized as appropriate during the last year.

14. The Emergency Management Director shall ensure optimal staffing of emergency management personnel to receive and respond to emergency events.

Staffing levels are routinely monitored and adjusted on an as-needed basis to ensure optimal staffing.

15. Continue to prioritize reduction of repetitive loss properties through various means of mitigation, updating repetitive loss forms and removing properties from Repetitive Loss List.

This activity is conducted throughout the year. AW-501's have or will be sent on properties mitigated.

16. Work with County Housing Program to provide education to home buyers regarding flood information.

County Housing asks for and receives a flood determination on all properties for which assistance is provided.

17. Continue to require that installation of stormwater management facilities made necessary by new development is the responsibility of the developer.

This is required by the Land Development Code as part of every site plan review.

18. Consider the relocation, mitigating or replacement of infrastructure currently present within the

Coastal High Hazard Area where state funding is anticipated to be needed, as identified in the Local Mitigation Strategy Priority List.

This activity is conducted throughout the year and action taken when appropriate.

19. Integrate response to flooded homes with appropriate response organizations (Red Cross, Baptist Association, etc).

This activity is conducted on a post disaster basis. Regular communication and training occurs between the county and response organizations to ensure optimal response efforts.

20. Continue active participation in the Severe Repetitive Loss Grant program.

Applications have been submitted through the SRL program for the last six of seven years. Only one application was submitted for 2016. However, five properties were identified and are awaiting FEMA review for the 2015 year cycle. Outreach to eligible homeowners is an ongoing effort, and two potential applicants have already been identified for the next funding cycle.

21. Assist with establishment of Disaster Recovery Center (DRC).

This activity is ongoing and we are ready to assist as needed.

22. Ensure citizens know how to contact FEMA post flood.

This activity is conducted on an as-needed basis. Information is contained on the county's website and in our disaster guides. All employees received an email with important information to give out to citizens which included FEMA assistance contact information and locations of DRCs.

23. Include notification of grants, loans and service availability in all County publications, seminars and websites that address flood mitigation.

Property owners of repetitively flooded properties are notified by the state and the county of the availability of grant funds. A press release is also generated when workshops are held notifying the public of the availability of grant funds. Social media was also used to spread the word about grant funding availability.

24. Maintain and enforce designation of Coastal Barrier Resources Act (CBRA) property.

Ongoing – this is done by staff on a daily basis.

25. Maintain strong working relationship with all state and federal agencies including Northwest Florida Water Management District in an effort to ensure that our regulations pertaining to floodplain management are equal to or are greater than their regulations.

Ongoing – this is done by staff on a daily basis. The Floodplain Manager is in contact with the NFWMD, State DEM, FEMA and other agencies.

26. Implement strict enforcement of best management practices for reducing erosion during development activity.

Erosion Control plan is part of site plan and WMD permit that has enforcement capabilities. This activity

is conducted throughout the year. The county's building inspection department has increased efforts to enforce the implementation of erosion control practices on the construction sites for single family homes and has hired a site inspector to further that effort.

27. Assist citizens with Letter of Map Amendment and Letter of Map Revision Paperwork.

Ongoing – this is done by staff on a daily basis. The Floodplain Manager has assisted numerous individuals with LOMA (Letter of Map Amendment) paperwork. Floodplain Manager reviews all LOMA and LOMR requests prior to being submitted to FEMA.

28. Encourage individual property owners to pursue percolation-oriented drainage improvements using best management practices through outreach and education. Drainage that seeps into the soil, rather than being directed out to the open water, provides multiple benefits. Not only does it mitigate flooding, but it also recharges the aquifer, enhances water quality, and reduces erosion.

This activity is ongoing throughout the year. Additional outreach efforts are needed and are currently being planned.

29. Review County Code of Ordinances to strengthen maintenance requirements of private stormwater management facilities.

Some challenges exist with implementation of this activity. County departments will continue to work toward coordination with appropriate agencies and property owners to review original site plan requirements and towards enforcement of such.

30. Consider acquisition of natural areas for parks or open space.

Policy 9.1.C.6 of the Comprehensive Plan requires the County to consider the acquisition of open space and natural areas on a continuous basis. This activity is ongoing.

31. Require designation of open space property for all major development.

Policy 9.1.A.1 of the Comprehensive Policy requires the designation of open space in the Mixed Residential/Commercial Future Land Use Category and Policy 9.1.C requires developments of regional impact, planned unit developments and other large residential developments to provide for parks and play fields. Since the 2007 economic slowdown, there has been very few, if any, major developments. As the economy improves, there should be more progress towards the satisfaction of this goal. Additionally, Future Land Use Elements within the Comprehensive Plan identify a maximum amount of impervious cover allowed.

32. The Emergency Management Director shall ensure adherence to the County's Comprehensive Emergency Management Plan, particularly in the event of evacuation orders.

This activity is conducted as appropriate.

33. The Public Works Department shall provide information on where to get sandbags to residents prior to impending floods. Public Works will have sand available for residents to fill sandbags.

This activity is conducted as appropriate and with the approval of appropriate administration. The County is prepared for distributions as the need arises.

34. Continue County's periodic inspection program of county maintained stormwater control structures to ensure the proper functioning of such structures.

A County inspection and maintenance crew, that utilizes inmate labor, is assigned the task of addressing all issues discovered relative to the functioning of our stormwater facilities. This activity is conducted throughout the year, and includes: the cleaning of debris and trash from the ponds, mowing, fence repair, and the cleaning of pond bottoms to restore percolation. The inmate squad is assisted by our District Crew when heavy machinery is involved.

35. Ensure that all public buildings that serve first response and critical emergency/public needs, including record/data collection and communication centers/infrastructure, are located outside of flood zones or flood-prone areas.

According to the data collected for the Post Disaster Redevelopment Plan the following structures that serve first response and critical emergency/public needs are located in flood zones or flood-prone areas: Milton EMS Station is in 0.2% ACF zone, Avalon Beach-Mulat Fire Dept Station #2 is in a 0.2% ACF zone, Milton Well #1 is in a 0.2% ACF zone, Navarre Beach Fire Dept is in an AE flood zone, Navarre Beach wells #2 & 3 are in an AE flood zone, Milton WWTP is in an AE flood zone, Navarre Beach STP & utilities office are in an AE flood zone, Jackson Pre-K School is in an AE flood zone, Santa Rosa County Courthouse is in an AE flood zone, and approximately 70 liftstations are in various flood zones. The county works to relocate and/or mitigate first response and critical emergency/public needs infrastructure as appropriate based on funding limitations and geographic needs.

36. Continue practice of correcting localized drainage problems so that the best possible drainage standards are maintained.

This activity is conducted throughout the year. County maintenance crews have focused drainage improvement activities on the areas that have demonstrated the need during prolonged periods of rain. Numerous projects to alleviate street and yard flooding have been conducted during the past 5 years.

37. Include separate updating of the *Flood Mitigation Plan* in the *Local Mitigation Strategy* 5-year updates.

Per the plan, separate updating of the *Flood Mitigation Plan* shall occur in conjunction with the *Local Hazard Mitigation Strategy* 5-year updates. The *Flood Mitigation Plan* is included as an appendix to the *Local Hazard Mitigation Strategy*. The 5 year update was completed and the plan was approved by the State of Florida on May 18, 2016 and adopted by the Board on May 26, 2016.

38. Incorporate into the County's review processes for infrastructure planning an assessment of the appropriateness of public capital improvements in coastal high hazard areas as identified in the Coastal Management Element of the Comprehensive Plan. (EAR Policy 10.1.B.2)

This activity has occurred.

39. Evaluate the Flood Mitigation Plan, and particularly the Action Plan, annually.

Currently underway. The Flood Mitigation Task Force met on September 22, 2016 to evaluate the plan and the action plan. Evaluation Report made available to the public on the county's LMS page.

40. Consider expansion of the County's properties that are designated natural and beneficial areas.

Policy 9.1.C.6 of the Comprehensive Plan requires the County to consider the acquisition of open space and natural areas on a continuous basis. This activity is ongoing.

41. Encourage designation, protection and maintenance of wetlands as identified in the Comprehensive Plan and Land Development Code.

This is conducted as part of the site plan review process for every building permit.

42. Support efforts of the Institute of Food and Agricultural Services (IFAS/County Cooperative Extension Service) and the Natural Resources Conservation Services (NRCS) as it relates to reduction and mitigation of flood hazards to crops and silvicultural operations.

This activity is conducted throughout the year with the financial support of the County to these agencies.

43. Investigate the feasibility of including base flood finished floor elevations on Certificates of Occupancy.

Ongoing – this request has been submitted to the Computer Department. They will incorporate as staff time is available. The elevation certificates are currently available on the property appraiser's website.

44. Continue County participation in, and compliance with the National Flood Insurance Program (NFIP) and the Community Rating System (CRS). Seek CRS classification improvements within capabilities of County programs, including adoption and administration of FEMA-approved ordinances and flood insurance rate maps (FIRMs).

Ongoing – this is done by staff on a daily basis. Currently working towards Class 4; however, this may not be feasible until a County wide drainage plan is produced. CRS 3 year cycle visit was conducted in October 2015. Preliminary results indicate that we will maintain our class 5 rating. We have the points to be awarded a class 4, but do not meet the pre-requisites.

45. Develop Holley by the Sea Master Drainage Plan.

Master stormwater/drainage study has been completed. Individual projects are being prioritized and funding is being pursued.

46. The replacement of the box culvert, at the Alabama Street crossing of Collins Mill Creek, with a bridge.

Grant funds are needed to complete this project. Once funds have been identified, project will begin.