APPENDIX A – AMELIA COUNTY

Locality Map

Status of Mitigation Actions

Building Permit Data

Land Use Cover Map

Future Land Use Map

Critical Facilities Maps

Flood Zone Map

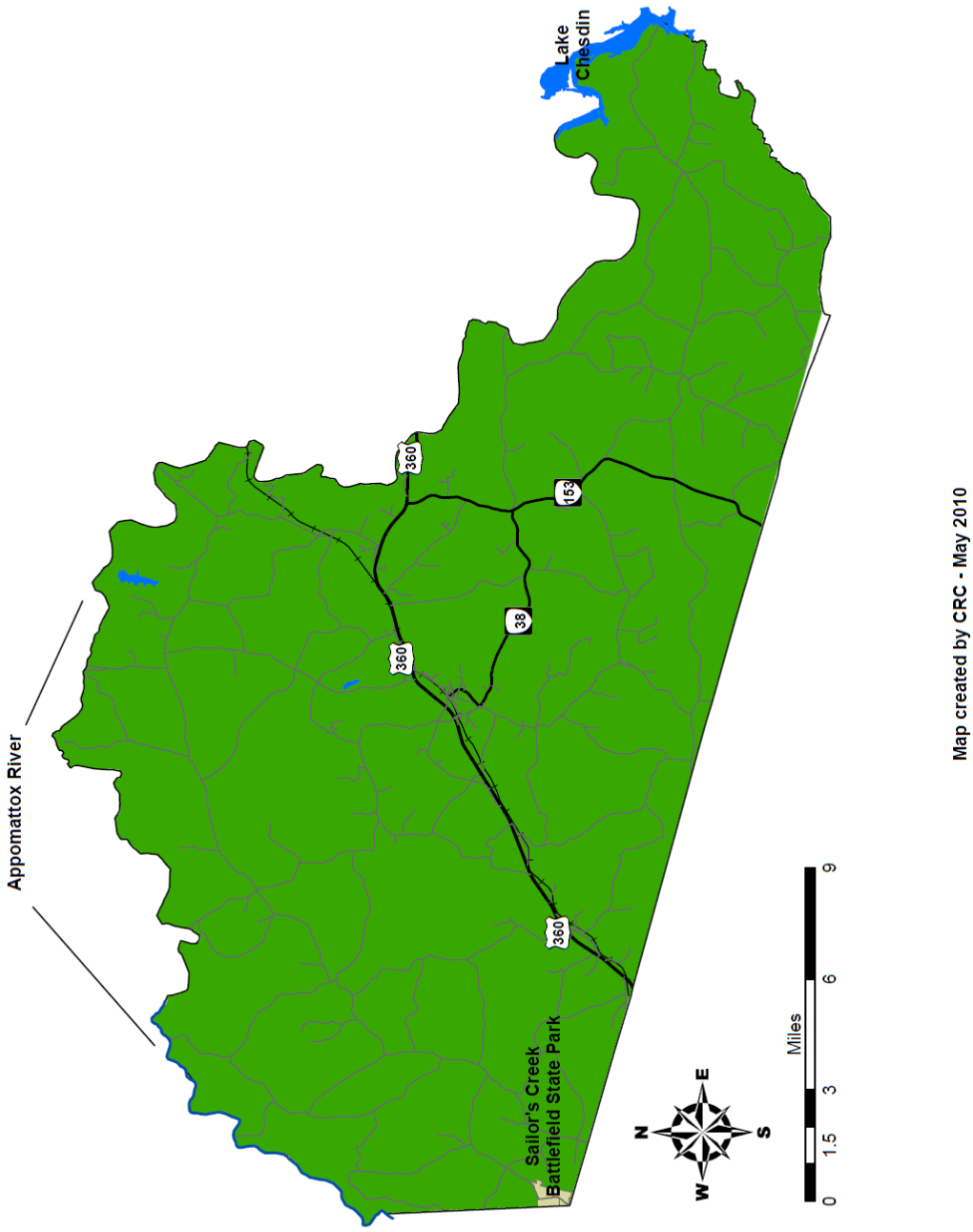
NFIP Survey Results

NOTES:

1) For this update, the methodology for ranking hazards was changed. Localities were not actually tasked with scoring/ranking covered hazards directly. Table 6.17 in Section 6 of the Plan shows the risk ratings for the region based on quantitative and qualitative analysis as well as anecdotal input from the Project Management Team, but is not based on a locality ranking system. As a result, the "Hazard Ranking" table that appeared in the local appendices for the previous Plan updates has been supplanted by the "Hazard Risk Ratings" table (Table 6.17) in Section 6.

2) For the status of mitigation actions, any actions that were removed per previous Plan updates are not shown in this update. This section was also amended to list actions completed per prior Plan updates separately.

Amelia County



Map created by CRC – May 2010

Detailed Information/Status of Local Mitigation Actions
(includes detailed data for each action, as requested by FEMA)

Amelia County Mitigation Action 1	**Elevate and relocate homes or critical infrastructures out of flood zones.**
Category:	Prevention/Structural Projects
Hazard(s) Addressed:	Flood
Priority (High, Moderate, Low):	Medium
Estimated Cost:	$200,000
Potential Funding Sources:	FEMA grant funding, possibly local funds
Lead Agency/Department Responsible:	County Building Inspector
Implementation Schedule:	Near term
Status: No action taken – awaiting funds	

Amelia County Mitigation Action 2	**Construct waterproof barriers at the wastewater treatment plant to prevent future flood damages if the future relocation plan does not eliminate the hazard soon enough.**
Category:	Prevention/Structural Projects
Hazard(s) Addressed:	Flood
Priority (High, Moderate, Low):	Medium
Estimated Cost:	$200,000
Potential Funding Sources:	FEMA grant funding, possibly local funds
Lead Agency/Department Responsible:	County Wastewater Plan Manager
Implementation Schedule:	Near term
Status: No action taken – awaiting funds	

Amelia County Mitigation Action 3	**Install window clips for mounting plywood or install hurricane shutters to protect windows of critical facilities.**
Category:	Prevention/Structural Projects
Hazard(s) Addressed:	Wind/Tornadoes/Severe Thunderstorms
Priority (High, Moderate, Low):	Medium
Estimated Cost:	$750,000
Potential Funding Sources:	County, possibly federal grant funding
Lead Agency/Department Responsible:	County Emergency Management Office, Building Inspector
Implementation Schedule:	Near term
Status: No action taken – awaiting funds	

Amelia County Mitigation Action 4	Build redundant communications system components to back-up primary communications.
Category:	Emergency Services
Hazard(s) Addressed:	Multiple
Priority (High, Moderate, Low):	High
Estimated Cost:	$500,000
Potential Funding Sources:	FEMA grant funding, local funds
Lead Agency/Department Responsible:	County Emergency Management Office
Implementation Schedule:	Scheduled for completion in late 2024
Status: In process – the County is in the process of replacing its entire public safety radio system. The new system will include multiple levels of backup capabilities which will eliminate any single point of failure	

Amelia County Mitigation Action 5	When new homes are constructed, provide information to encourage clearing trees, brush, and other flammable natural materials a safe distance from the home creating a "Green Zone" between the forest and the structures.
Category:	Prevention
Hazard(s) Addressed:	Fire
Priority (High, Moderate, Low):	High
Estimated Cost:	Minimal – Staff time, Virginia Department of Forestry has brochures available
Potential Funding Sources:	N/A
Lead Agency/Department Responsible:	County Em. Mgmt. Office, Building Inspector
Implementation Schedule:	Near term
Status: No action taken – need to coordinate with VDOT on this.	

Amelia County Mitigation Action 6	Information from this plan will be provided to residents and businesses through the local newspaper, inserted in tax bills or regular mailings to all addresses, and in public meetings.
Category:	Prevention/Emergency Services
Hazard(s) Addressed:	Multiple
Priority (High, Moderate, Low):	Medium
Estimated Cost:	$500/year
Potential Funding Sources:	County
Lead Agency/Department Responsible:	County Emergency Management Office, County Administrator's Office
Implementation Schedule:	Near term
Status: No action taken – lack of staff resources	

Amelia County Mitigation Action 7	Review all permits for new development and substantial improvements for compliance with the County's ordinances as they relate to flood areas.
Category:	Prevention/Property Protection
Hazard(s) Addressed:	Flood
Priority (High, Moderate, Low):	Moderate
Estimated Cost:	None
Potential Funding Sources:	N/A
Lead Agency/Department Responsible:	County Planning Department
Implementation Schedule:	Short/near term
Status: Ongoing – enforced through County Zoning Ordinance (includes a Flood Plain District) and Subdivision Ordinance (restricts development in areas subject to flooding).	

Amelia County Mitigation Action 8	Install storm water drainage system to prevent flooding in buildings in flood prone areas.
Category:	Prevention/Property Protection
Hazard(s) Addressed:	Flood
Priority (High, Moderate, Low):	High
Estimated Cost:	Depending on size of area to be protected, could be anywhere from $100,000 to $500,000 or more
Potential Funding Sources:	FEMA grant, with local funding match
Lead Agency/Department Responsible:	County Administration/Planning Department
Implementation Schedule:	Dependant on availability of funding
Status: No action taken, lack of funding	

Mitigation actions completed per previous Plan updates:

- **Evaluate current staff levels to ensure the County has enough trained staff to manage mitigation strategies as well as emergencies on the local level – Completed per 2012 Plan update.**

- **Relocate the Emergency Operations facility to the County Administration Building, to deal with the expected growth and expansion of County services and staffing resources, and install hurricane shutters or window clips to protect the new facility – Completed per 2018 Plan update.**

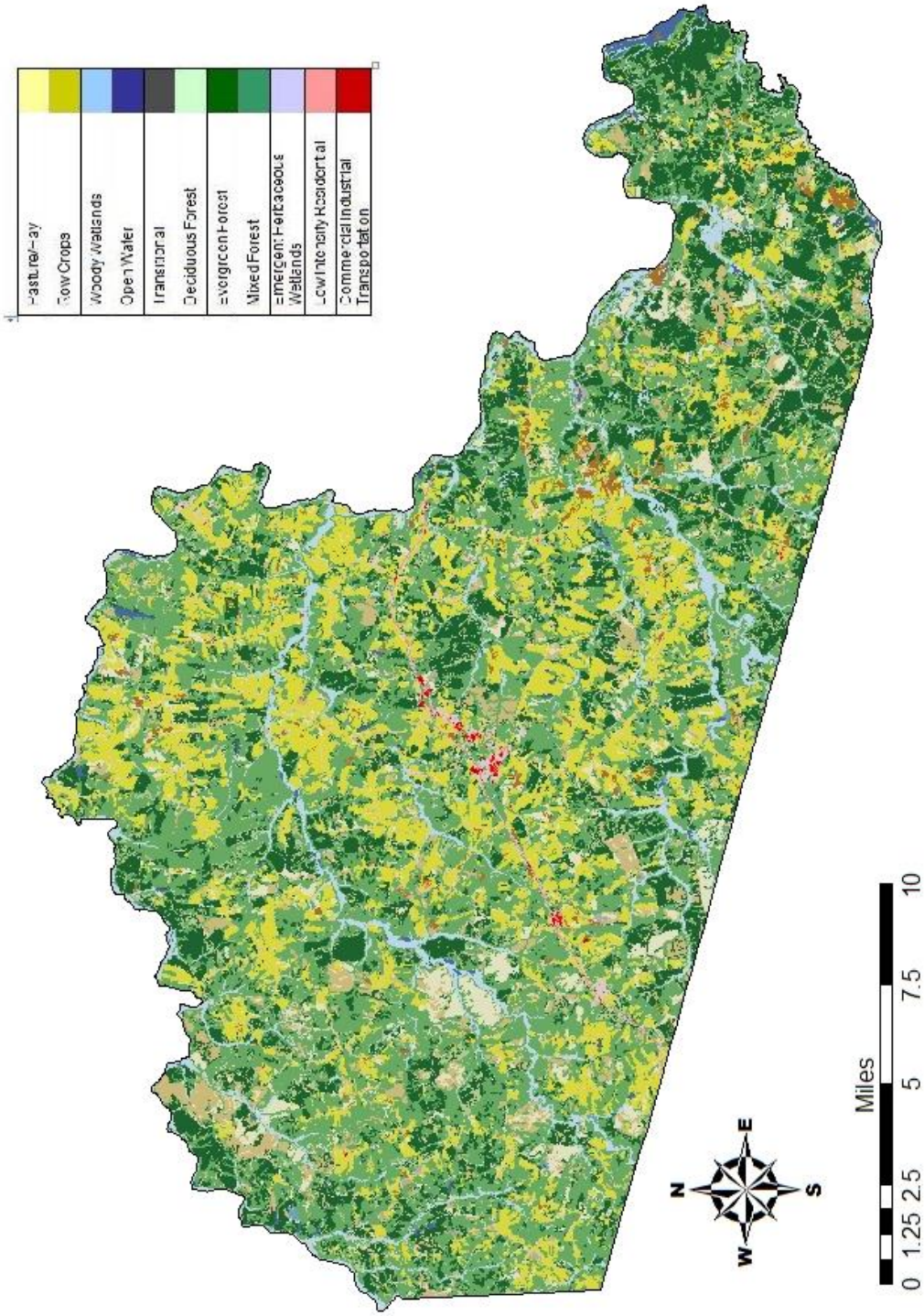
- **Provide recommended methods of reducing risk and vulnerability on the County's website. Develop and distribute educational brochures to all school children to be taken home to parents – Completed per 2018 Plan update.**

- **Contact civic organizations, church organizations, and business groups to develop a Safe Community Committee. The County will facilitate the committee, which will develop recommendations for improving safety in the community and providing recommendations to provide educational information on a County-wide basis – Completed per 2018 Plan update.**

Building Permit Data – Amelia County

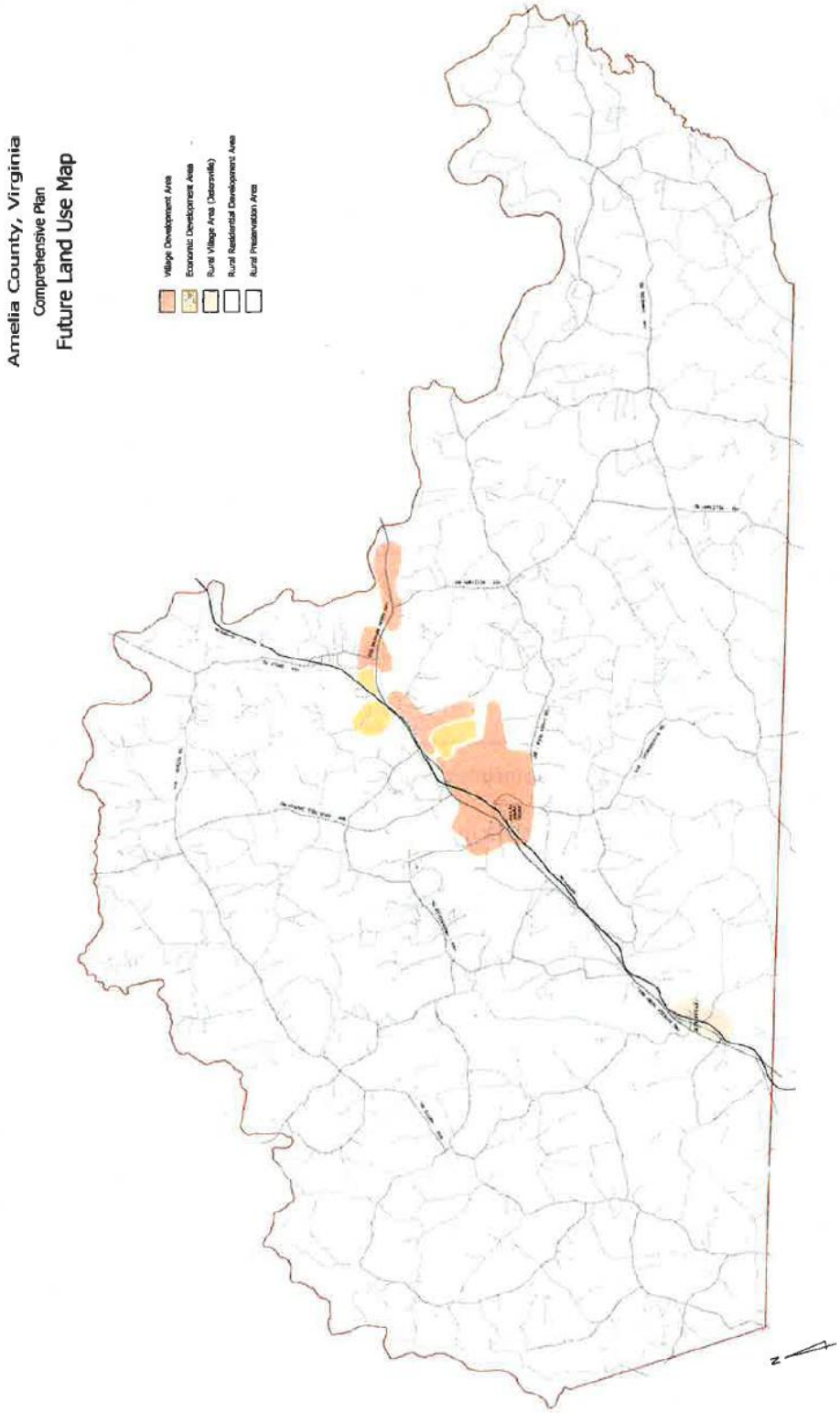
Year	Residential Permits Issued	Commercial Permits Issued
1981	59	6
1982	55	0
1983	77	0
1984	82	0
1985	86	0
1986	85	0
1987	129	8
1988	134	7
1989	158	12
1990	179	4
1991	163	3
1992	109	18
1993	175	23
1994	158	20
1995	174	27
1996	169	31
1997	176	25
1998	179	16
1999	169	17
2000	147	21
2001	137	20
2002	136	15
2003	162	18
2004	161	32
2005	165	17
2006	208	24
2007	122	23
2008	103	18
2009	75	18
2010	69	15
2011	39	11
2012	44	8
2013	61	16
2014	63	8
2015	51	8
2016	68	13
2017	77	15
2018	77	11
2019	79	14
2020	79	6
2021	92	11

Amelia County Land Use Cover Map

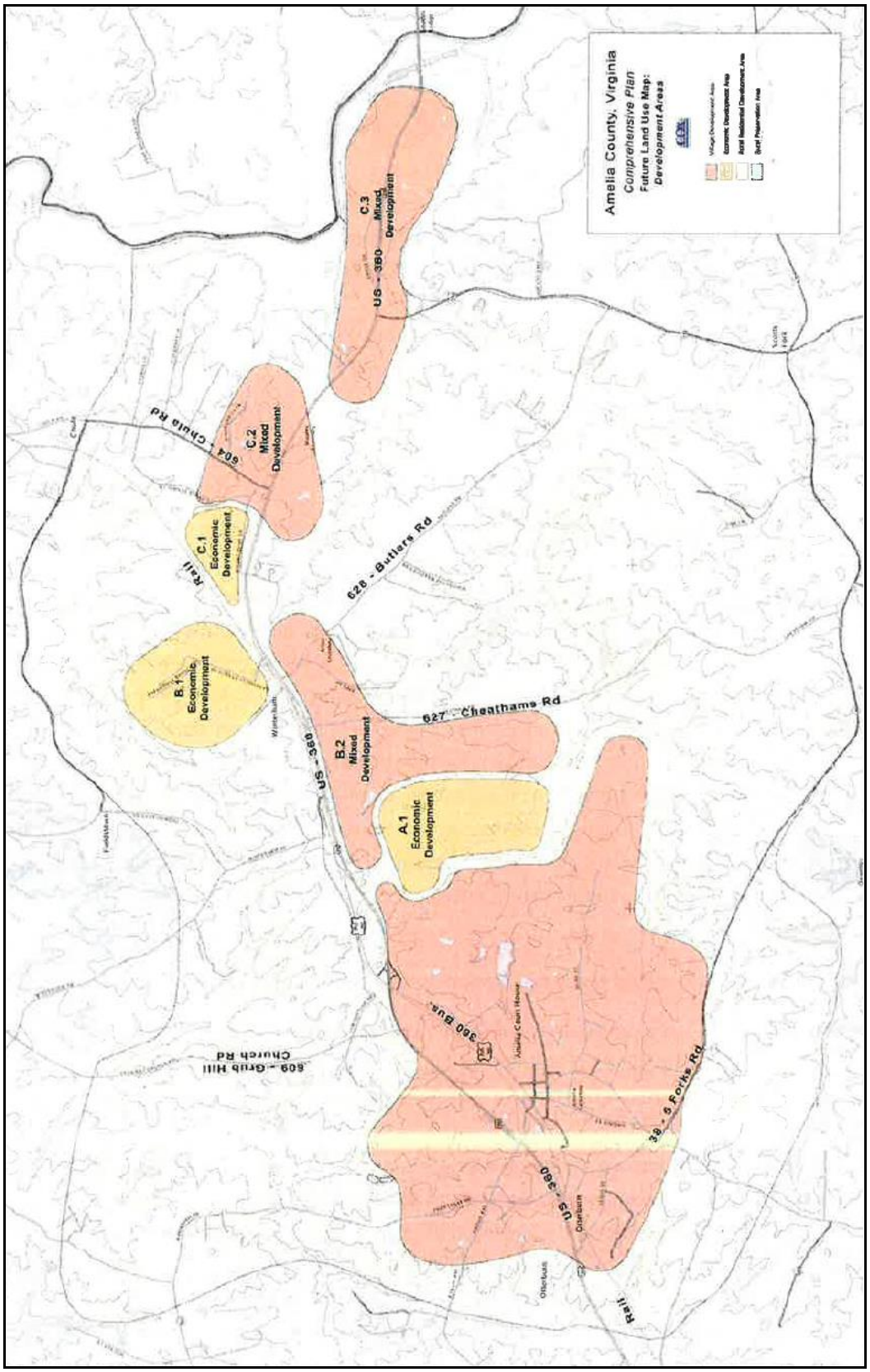


Map created by CRC - October 2015
Source: 2011 National Land Use Cover Dataset

Amelia County Future Land Use Map

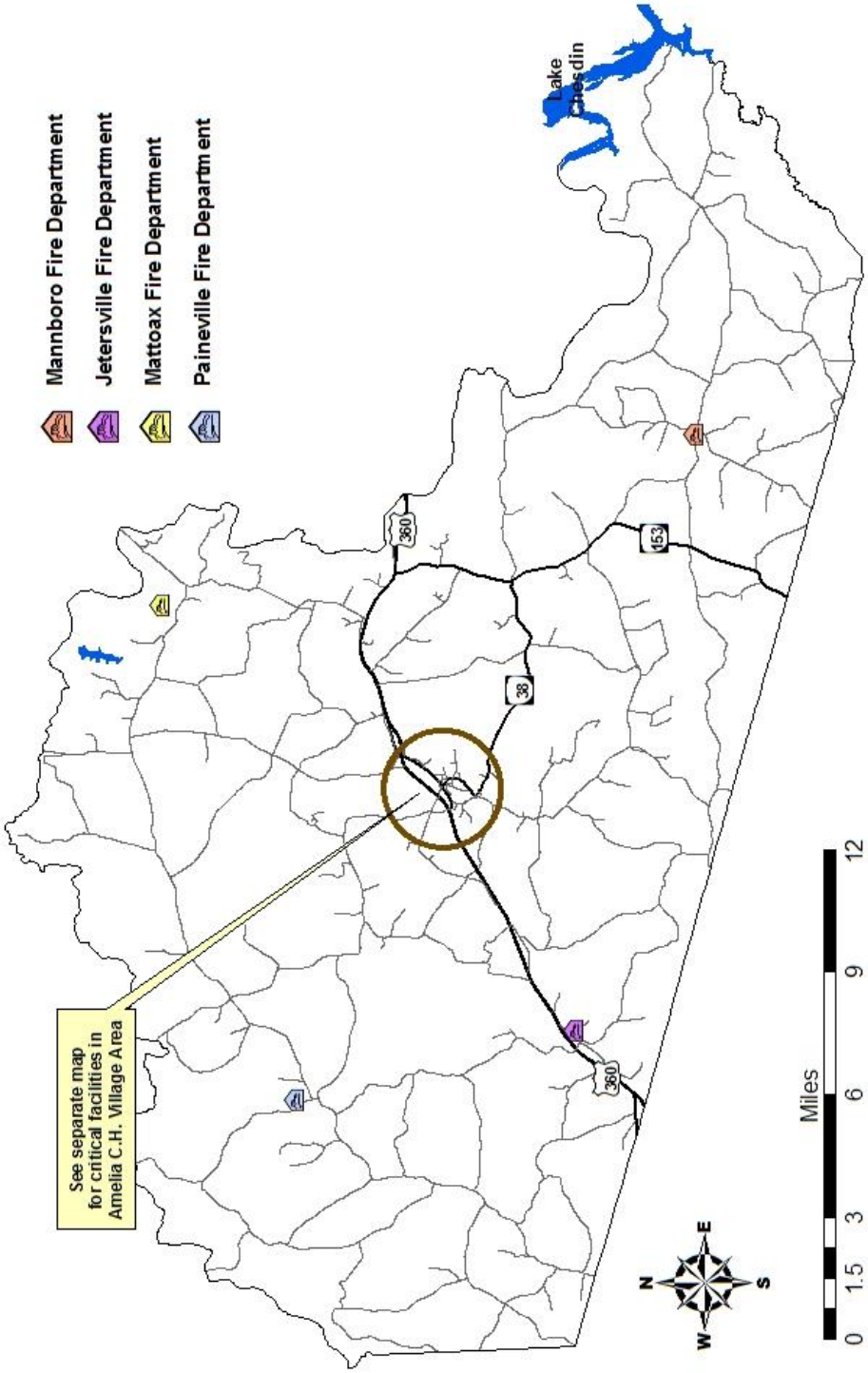


Source: Amelia County Comp Plan



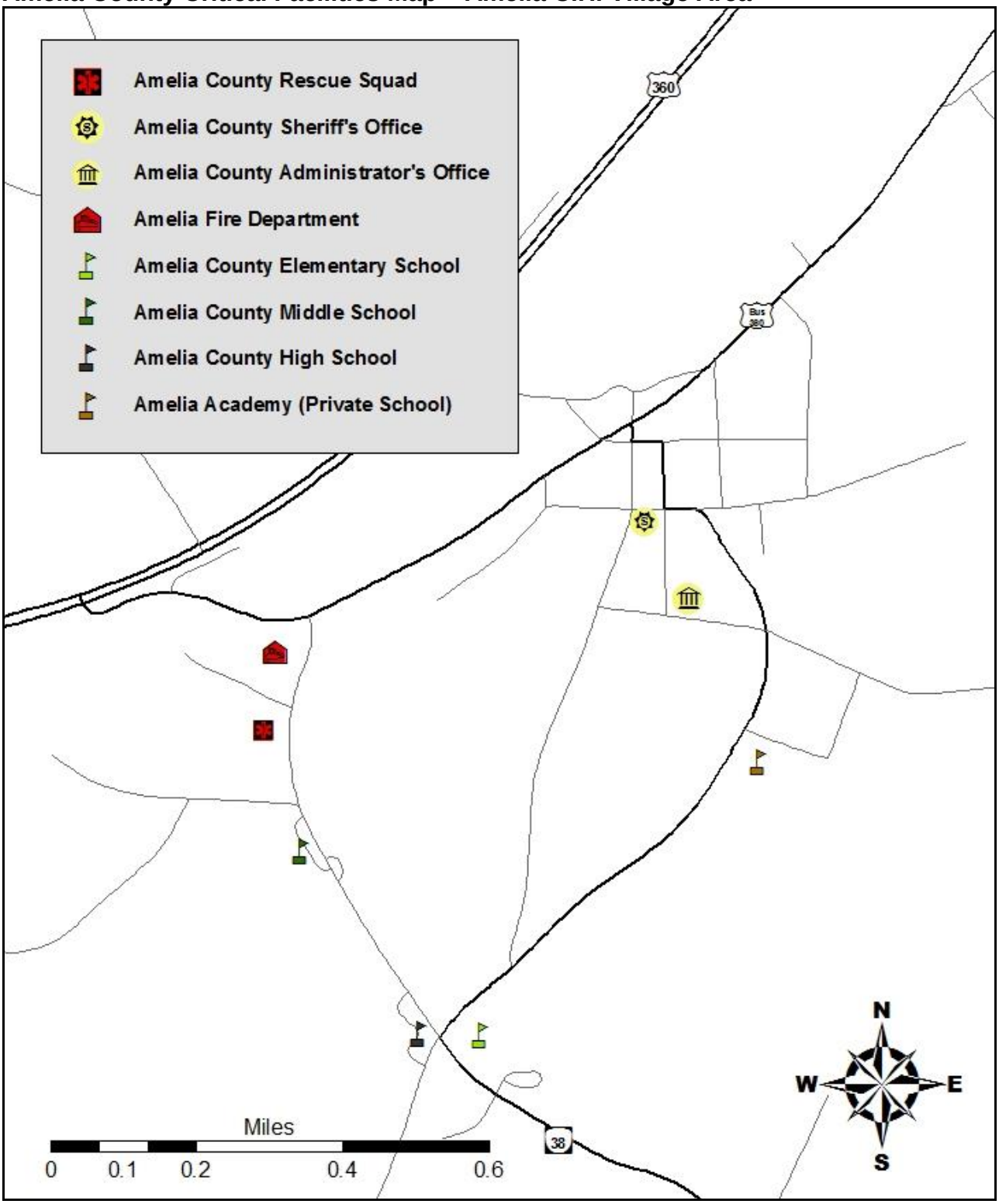
Source: Amelia County Comp Plan

Amelia County Critical Facilities Map



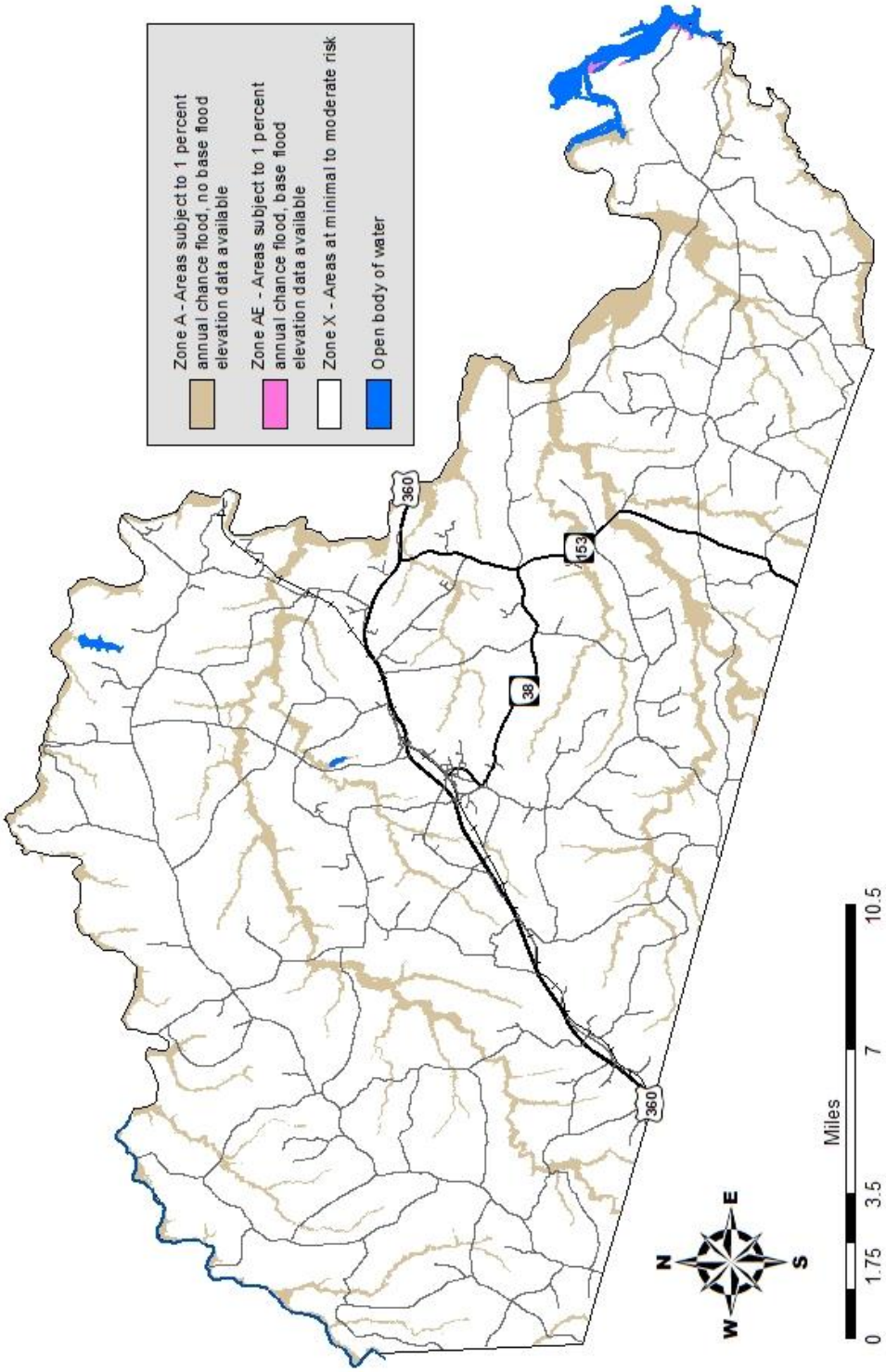
Map created by CRC – February 2011 (updated July 2016)
Source: Amelia County

Amelia County Critical Facilities Map – Amelia C.H. Village Area



Map created by CRC – February 2011 (updated July 2016)
Source: Amelia County

Amelia County Flood Zone Map



Map created by CRC – July 2022 (source: FEMA)

NFIP Survey Results

NATIONAL FLOOD INSURANCE PROGRAM (NFIP) SURVEY

MUNICIPALITY: Amelia

1. FLOODPLAIN IDENTIFICATION AND MAPPING			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Does the municipality maintain accessible copies of an effective Flood Insurance Rate Map (FIRM)/Digital Flood Insurance Rate Map (DFIRM)? Does the municipality maintain accessible copies of the most recent Flood Insurance Study (FIS)?	Place these documents in the local libraries or make available publicly.	Yes No	Not sure we've ever received this info
b. Has the municipality adopted the most current DFIRM/FIRM and FIS?	State the date of adoption, if approved.	Yes	Apr 16, 2009
c. Does the municipality support request for map updates?	If yes, state how.	No	Not sure of this?
d. Does the municipality share with Federal Emergency Management Agency (FEMA) any new technical or scientific data that could result in map revisions within 6 months of creation or identification of new data?	If yes, specify how.	No	We've never had anything that would require this action
e. Does the municipality provide assistance with local floodplain determinations?	If yes, specify how.	Yes	sit down w/ customers to review data and assist them with correspondence
f. Does the municipality maintain a record of approved Letters of Map Change?	If yes, specify the responsible office.	No	Never had any.

2. FLOODPLAIN MANAGEMENT			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Has the municipality adopted a compliant floodplain management ordinance that, at a minimum, regulates the following:	If yes, answer questions (1) through (4) below.	Yes	
(1) Does the municipality issue permits for all proposed development in the Special Flood Hazard Areas (SFHAs)?	If yes, specify the office responsible.	No	No permits issued
(2) Does the municipality obtain, review, and utilize any Base Flood Elevation (BFE) and floodway data, and/or require BFE data for subdivision proposals and other development proposals larger than 50 lots or 5 acres?	If yes, specify the office responsible.	No	No request received
(3) Does the municipality identify measures to keep all new and substantially improved construction reasonably safe from flooding to or above the BFE, including anchoring, using flood-resistant materials, and designing or locating utilities and service facilities to prevent water damage?	If yes, specify the office responsible.	No	No request received
(4) Does the municipality document and maintain records of elevation data that document lowest floor elevation for new or substantially improved structures?	If yes, specify the office responsible.	No	No permits issued
b. If a compliant floodplain ordinance was adopted, does the municipality enforce the ordinance by monitoring compliance and taking remedial action to correct violations?	If yes, specify how.	Yes	

2. FLOODPLAIN MANAGEMENT			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
c. Has the municipality considered adopting activities that extend beyond the minimum requirements? Examples include: • Participation in the Community Rating System • Prohibition of production or storage of chemicals in SFHA • Prohibition of certain types of structures, such as hospitals, nursing homes, and jails in SFHA • Prohibition of certain types of residential housing (manufactured homes) in SFHA • Floodplain ordinances that prohibit any new residential or nonresidential structures in SFHA	If yes, specify activities.	No	

3. FLOOD INSURANCE			
Requirement	*Recommended Action*	*Yes/No*	*Comments*
a. Does the municipality educate community members about the availability and value of flood insurance?	If yes, specify how.	No	
b. Does the municipality inform community property owners about changes to the DFIRM/FIRM that would impact their insurance rates?	If yes, specify how.	No	
c. Does the municipality provide general assistance to community members regarding insurance issues?	If yes, specify how.	No	