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**APPENDIX H – TOWN OF FARMVILLE**

Hazard Rankings

Status of Mitigation Actions

Building Permit Data

Future Land Use Map

Critical Facilities Map

Flood Zone Maps

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## **Hazard Rankings – Farmville (From Qualitative Assessment and Local Input)**

Hazard	Likelihood	Spatial Extent	Potential Impact	HAZARD RATING
Hurricanes and Tropical Storms	2	2	2	<b>6</b>
Flood	2	2	2	<b>6</b>
Winter Storms	2	2	2	<b>6</b>
Drought	1	3	1	<b>5</b>
Earthquakes	1	2	1	<b>4</b>
Severe Thunderstorms and Tornadoes	1	1	1	<b>3</b>
Erosion	1	1	1	<b>3</b>
Wildfire	1	1	1	<b>3</b>
Dam/Levee Failure	0	1	1	<b>2</b>
Landslides	0	1	1	<b>2</b>
Sinkholes	0	1	1	<b>2</b>

Hazard rankings are based on a qualitative assessment, as described below. The values assigned for each option chosen are added together for each hazard to arrive at a total score.

	Assigned Value	Definition
<b>Likelihood of Occurrence</b>		
Highly Likely	3	Near 100% annual probability
Likely	2	Between 10 and 100% annual probability
Possible	1	Between 1 and 10% annual probability
Unlikely	0	Less than 1% annual probability
<b>Spatial Extent</b>		
Large	3	More than 50% of area affected
Moderate	2	Between 10 and 50% of area affected
Small	1	Less than 10% of area affected
<b>Potential Impact</b>		
Catastrophic	4	High number of deaths/injuries possible. More than 50% of property in affected area damaged or destroyed. Complete shutdown of facilities for 30 days or more.
Critical	3	Multiple deaths/injuries possible. More than 25% of property in affected area damaged or destroyed. Complete shutdown of facilities for more than one week.
Limited	2	Minor injuries only. More than 10% of property in affected area damaged or destroyed. Complete shutdown of facilities for more than one day.
Minor	1	Very few injuries, if any. Only minor property damage and minimal disruption on quality of life. Temporary shutdown of facilities.

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

<b>Farmville Mitigation Action 1</b>	<b>Ask Virginia Power to cut trees over or near power lines during the summer to prevent loss of electricity during winter storms or heavy rain and wind events.</b>
Category:	Prevention
Hazard(s) Addressed:	Multiple
Priority (High, Moderate, Low):	High
Estimated Cost:	N/A – Virginia Power would have some equipment and man-hours costs, may ask Town to help cover those costs
Potential Funding Sources:	N/A
Lead Agency/Department Responsible:	Town, Virginia Power
Implementation Schedule:	Short term
<b>Status: Ongoing</b>	

<b>Farmville Mitigation Action 2</b>	<b>Purchase of generator for Town's fueling system. This fueling system serves our Fire, EMS, Public Works and Police vehicles.</b>
Category:	Emergency Services
Hazard(s) Addressed:	Multiple
Priority (High, Moderate, Low):	High
Estimated Cost:	\$6,000
Potential Funding Sources:	Town revenue or grant, depending on how many
Lead Agency/Department Responsible:	Town Office/Public Works
Implementation Schedule:	Dependant on availability of funding
<b>Status: Completed</b>	

<b>Farmville Mitigation Action 3</b>	<b>Construction of salt bin for storing salt for winter storms.</b>
Category:	Emergency Services, Prevention
Hazard(s) Addressed:	Winter Storms
Priority (High, Moderate, Low):	High/Moderate
Estimated Cost:	Unknown at this time
Potential Funding Sources:	Town would seek grants if high cost
Lead Agency/Department Responsible:	Town Office/Public Works
Implementation Schedule:	Dependant on availability of funding
<b>Status: Not completed – awaiting funding</b>	

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<b>Farmville Mitigation Action 4</b>	<b>Construction of pipeline to alternate water source to be used during drought conditions.</b>
<b>Category:</b>	Structural Projects
<b>Hazard(s) Addressed:</b>	Drought
<b>Priority (High, Moderate, Low):</b>	Moderate/High
<b>Estimated Cost:</b>	Between \$1,000,000 and \$4,000,000 depending on size
<b>Potential Funding Sources:</b>	Would likely seek grant funding to help offset cost/maybe issue bonds
<b>Lead Agency/Department Responsible:</b>	Town, possibly with County
<b>Implementation Schedule:</b>	Dependant on availability of funding
<b>Status: Underway, expected completion 2011/2012</b>	

<b>Farmville Mitigation Action 5</b>	<b>Purchase and remove remaining homes in floodplain areas in North Virginia St./North Bridge St. area.</b>
<b>Category:</b>	Structural Projects
<b>Hazard(s) Addressed:</b>	Flood
<b>Priority (High, Moderate, Low):</b>	Moderate
<b>Estimated Cost:</b>	\$500,000
<b>Potential Funding Sources:</b>	FEMA – Hazard Mitigation Grant Program (HMGP), Pre-Disaster Mitigation Program (PDM), Flood Mitigation Assistance Program (FMA)
<b>Lead Agency/Department Responsible:</b>	Town
<b>Implementation Schedule:</b>	Dependant on availability of funding
<b>Status: Ongoing</b>	

<b>Farmville Mitigation Action 6</b>	<b>Advertise and promote the availability of flood insurance.</b>
<b>Category:</b>	Prevention/Property Protection/Public Education and Awareness
<b>Hazard(s) Addressed:</b>	Flood
<b>Priority (High, Moderate, Low):</b>	Moderate
<b>Estimated Cost:</b>	Minimal – Cost of brochures, advertising
<b>Potential Funding Sources:</b>	N/A
<b>Lead Agency/Department Responsible:</b>	Town Council
<b>Implementation Schedule:</b>	Short term
<b>Status: Ongoing</b>	

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<b>Farmville Mitigation Action 7</b>	<b>Routinely prune trees and clear tree limbs hanging in right-of-way.</b>
<b>Category:</b>	Prevention
<b>Hazard(s) Addressed:</b>	Hurricane/Tornado/Wind
<b>Priority (High, Moderate, Low):</b>	Moderate
<b>Estimated Cost:</b>	Minimal or none if just in addition to normal duties
<b>Potential Funding Sources:</b>	N/A
<b>Lead Agency/Department Responsible:</b>	Town Public Works
<b>Implementation Schedule:</b>	Short term
<b>Status: Ongoing</b>	

<b>Farmville Mitigation Action 8</b>	<b>Encourage residents to keep storm drains clear of debris during storms (not to rely solely on Public Works).</b>
<b>Category:</b>	Prevention/Public Information and Awareness
<b>Hazard(s) Addressed:</b>	Flood
<b>Priority (High, Moderate, Low):</b>	Moderate
<b>Estimated Cost:</b>	Minimal or none
<b>Potential Funding Sources:</b>	N/A
<b>Lead Agency/Department Responsible:</b>	Town
<b>Implementation Schedule:</b>	Short term
<b>Status: Ongoing</b>	

<b>Farmville Mitigation Action 9</b>	<b>Develop/update water management/emergency response plan.</b>
<b>Category:</b>	Prevention
<b>Hazard(s) Addressed:</b>	Drought
<b>Priority (High, Moderate, Low):</b>	High
<b>Estimated Cost:</b>	Minimal or none
<b>Potential Funding Sources:</b>	N/A
<b>Lead Agency/Department Responsible:</b>	Town
<b>Implementation Schedule:</b>	Short term
<b>Status: Working on plan and ordinances, approximately 90% complete</b>	

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<b>Farmville Mitigation Action 10</b>	<b>Annually notify owners of repetitive loss properties of FMA funding.</b>
Category:	Property Protection
Hazard(s) Addressed:	Flood
Priority (High, Moderate, Low):	Moderate
Estimated Cost:	Probably minimal
Potential Funding Sources:	N/A
Lead Agency/Department Responsible:	Town Council
Implementation Schedule:	Dependant on availability of funding, cost
Status: Ongoing	

<b>Farmville Mitigation Action 11</b>	<b>Complete and maintain FEMA elevation certificates for all new/improved buildings in the floodplain.</b>
Category:	Property Protection
Hazard(s) Addressed:	Flood
Priority (High, Moderate, Low):	Moderate
Estimated Cost:	None
Potential Funding Sources:	N/A
Lead Agency/Department Responsible:	Town Council
Implementation Schedule:	Dependant on availability of funding
Status: Ongoing, done as needed	

<b>Farmville Mitigation Action 12</b>	<b>Require more trees to be preserved/planted in landscape designs to reduce the amount of stormwater runoff.</b>
Category:	Prevention
Hazard(s) Addressed:	Flood
Priority (High, Moderate, Low):	Moderate
Estimated Cost:	Minimal – Could be a change to ordinances
Potential Funding Sources:	N/A
Lead Agency/Department Responsible:	Town or Council
Implementation Schedule:	Short term
Status: Ongoing, ordinance completed	

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<b>Farmville Mitigation Action 13</b>		<b>Routinely inspect the functioning of fire hydrants.</b>
<b>Category:</b>	Prevention	
<b>Hazard(s) Addressed:</b>	Fire	
<b>Priority (High, Moderate, Low):</b>	Moderate	
<b>Estimated Cost:</b>	Minimal – Could be added to routine maintenance	
<b>Potential Funding Sources:</b>	N/A	
<b>Lead Agency/Department Responsible:</b>	Town or Fire Department	
<b>Implementation Schedule:</b>	Short term	
<b>Status: Ongoing</b>		

<b>Farmville Mitigation Action 14</b>		<b>Update Flood Insurance Rate Maps.</b>
<b>Category:</b>	Property Protection	
<b>Hazard(s) Addressed:</b>	Flood	
<b>Priority (High, Moderate, Low):</b>	Moderate	
<b>Estimated Cost:</b>	Expected to be minimal (???)	
<b>Potential Funding Sources:</b>	N/A	
<b>Lead Agency/Department Responsible:</b>	Town Council, possibly with assistance from VDE, FEMA, CRC	
<b>Implementation Schedule:</b>	Short term	
<b>Status: Completed. Flood maps were recently updated by FEMA.</b>		

<b>Farmville Mitigation Action 15</b>		<b>Routinely clean and repair storm water drains.</b>
<b>Category:</b>	Prevention	
<b>Hazard(s) Addressed:</b>	Flood	
<b>Priority (High, Moderate, Low):</b>	Moderate	
<b>Estimated Cost:</b>	Minimal – could be added to routine inspections.	
<b>Potential Funding Sources:</b>	N/A	
<b>Lead Agency/Department Responsible:</b>	Town Public Works Department	
<b>Implementation Schedule:</b>	Short term	
<b>Status: Ongoing</b>		

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<b>Farmville Mitigation Action 16</b>	<b>Routinely clean debris from support bracing underneath low-lying bridges.</b>
<b>Category:</b>	Prevention
<b>Hazard(s) Addressed:</b>	Flood
<b>Priority (High, Moderate, Low):</b>	Moderate
<b>Estimated Cost:</b>	May be minimal or none, if added to routine maintenance
<b>Potential Funding Sources:</b>	N/A
<b>Lead Agency/Department Responsible:</b>	Town Public Works Department or VDOT
<b>Implementation Schedule:</b>	Short term
<b>Status: Ongoing</b>	

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## **Building Permit Data – Town of Farmville**

Year	Residential Permits Issued	Commercial Permits Issued
1991	129	64
1992	125	45
1993	191	83
1994	183	95
1995	189	86
1996	221	132
1997	216	93
1998	190	110
1999	182	104
2000	186	95
2001	146	71
2002	145	77
2003	152	111
2004	140	92
2005	136	129
2006	240	131
2007	236	150
2008	191	144
2009	111	114

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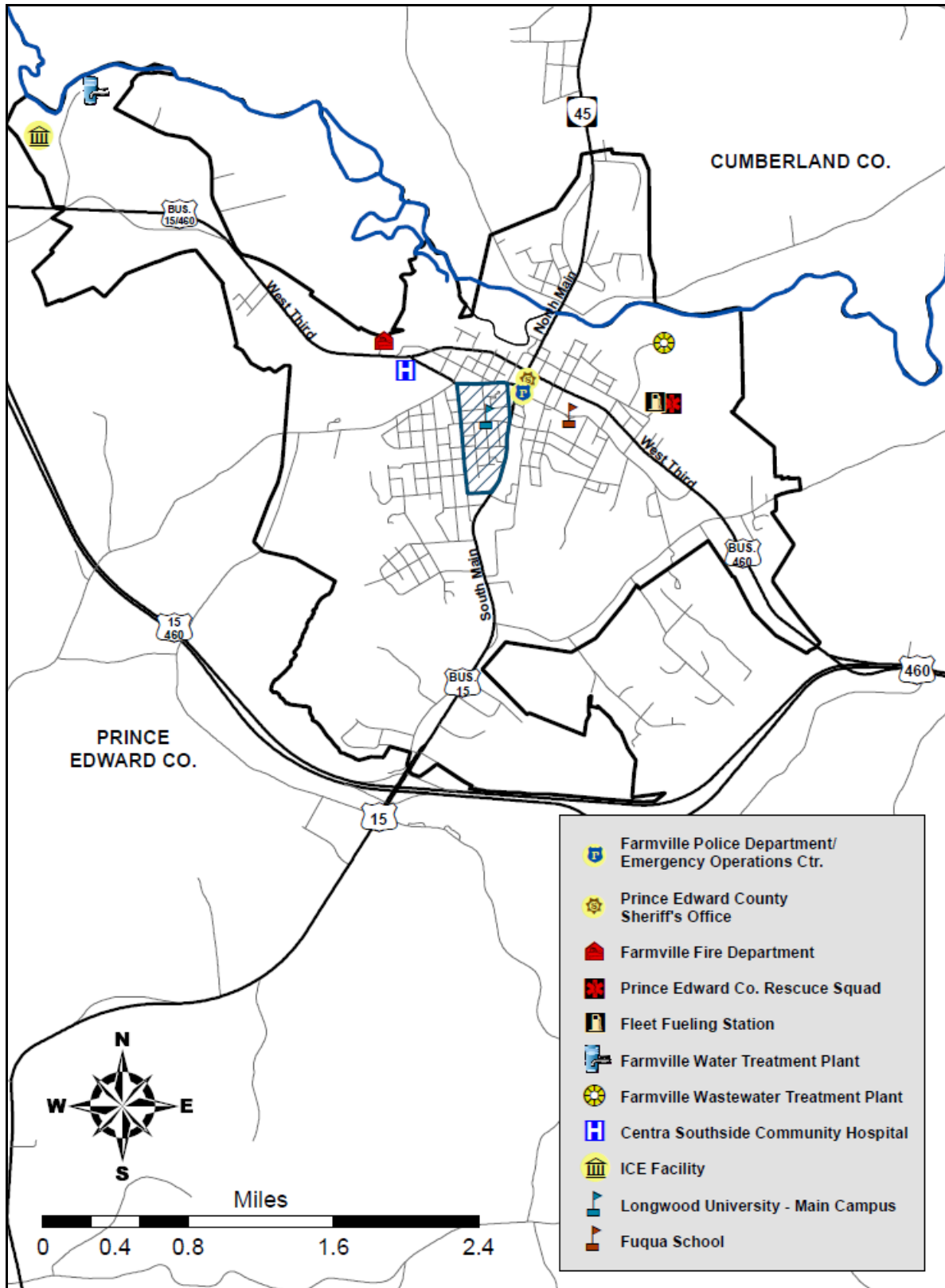
**Town of Farmville Future Land Use Map**



Source: Ashley Atkins/Town of Farmville

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**Town of Farmville Critical Facilities Map**

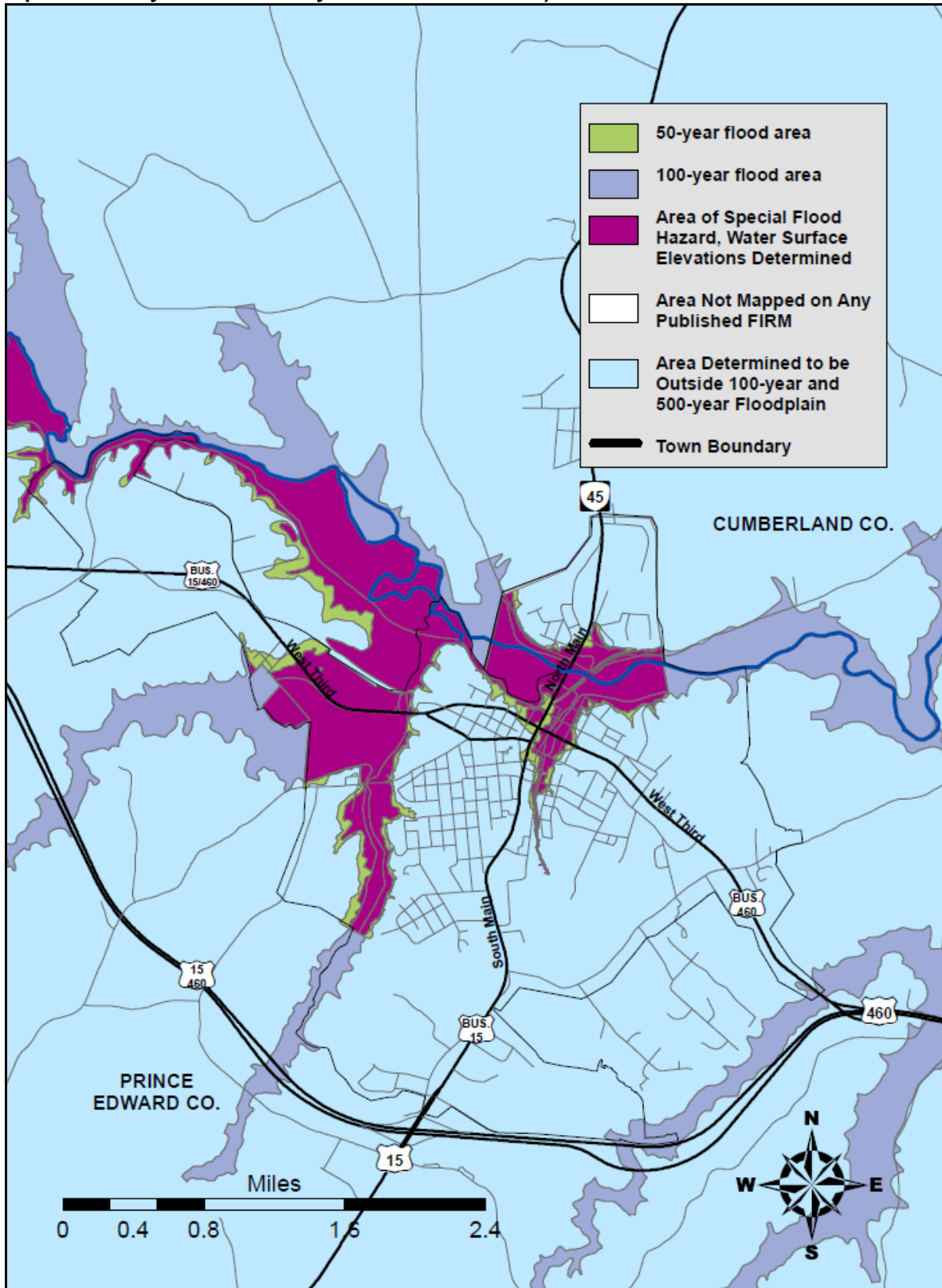


Map created by CRC – February 2011 (source: Town of Farmville)

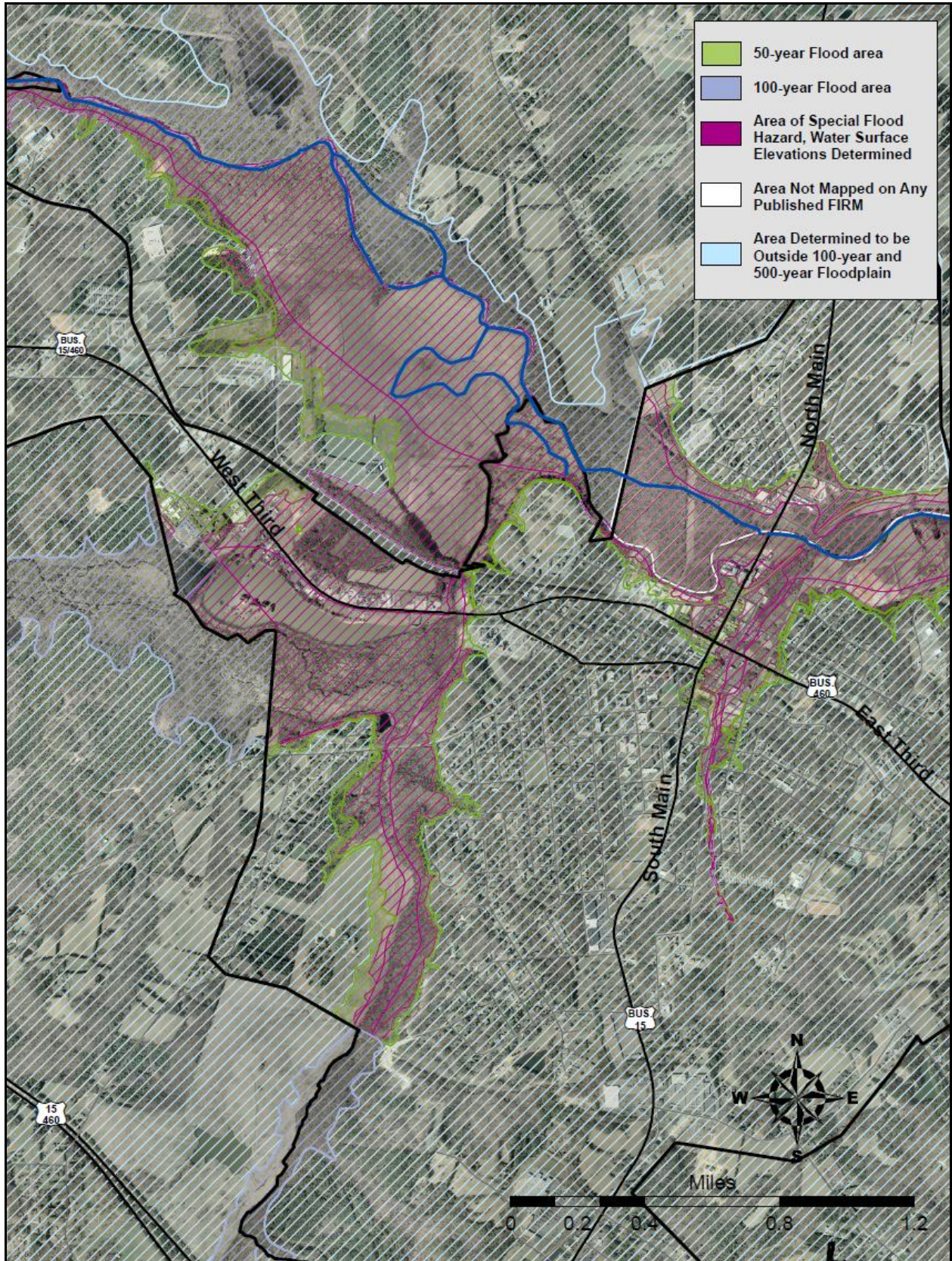
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**Town of Farmville Flood Zone Maps**

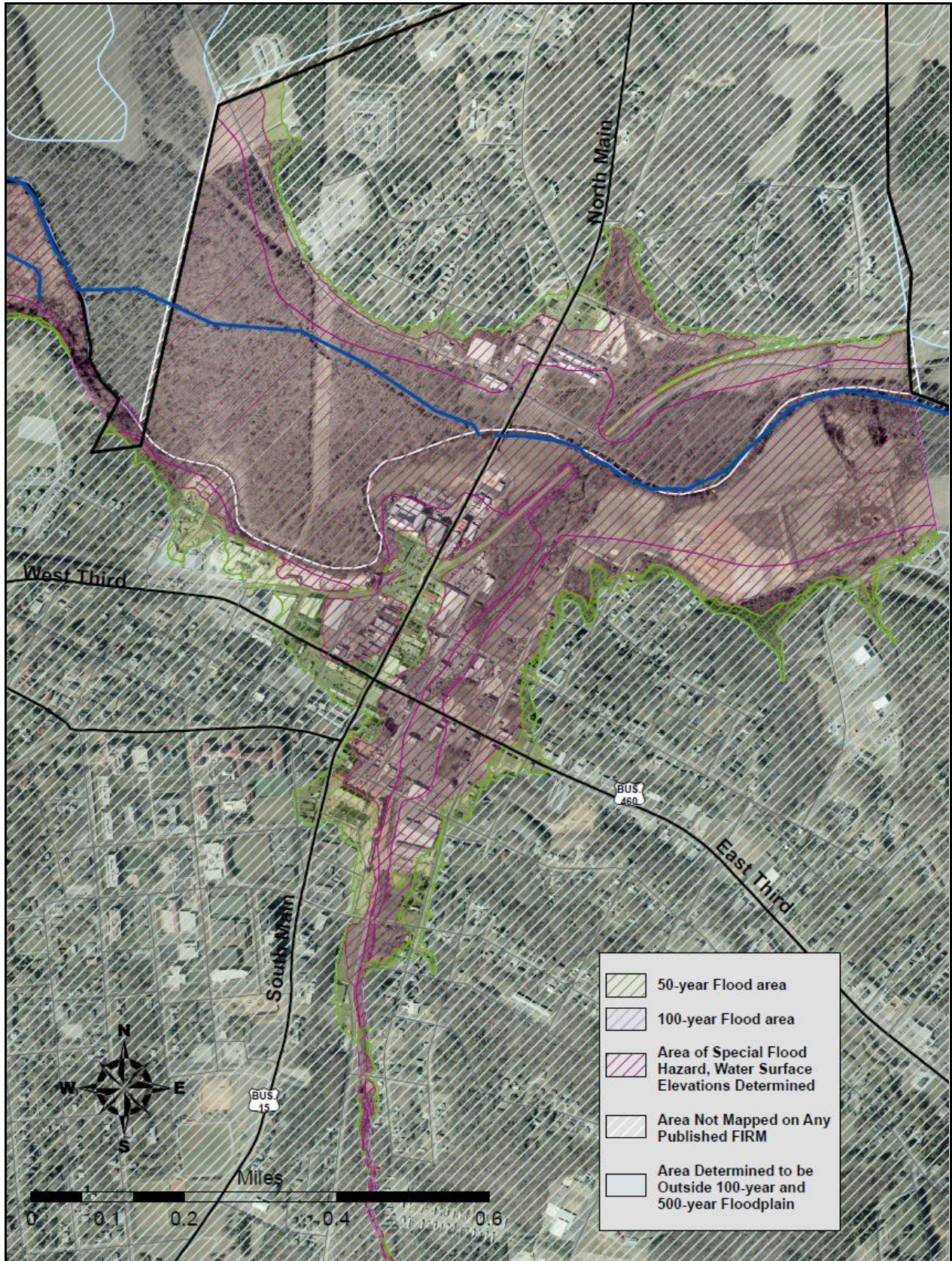
(maps created by CRC – February 2011. Source - FEMA)



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