

# **Appendix A: Plan Adoption**

## **RESOLUTION OF ADOPTION**

TOWN OF DUBLIN, Bladen County, NC

### **HAZARD MITIGATION PLAN**

WHEREAS, the citizens and property within Bladen County are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and

WHEREAS, the County and participating municipal jurisdictions desire to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the County and its participating municipal jurisdictions have performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management; and

WHEREAS, it is the intent of the Board of Commissioners of Bladen County to fulfill this obligation in order that the County will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the County; and


WHEREAS, the Town of Dublin has fulfilled any of its multi-jurisdictional planning elements required by FEMA;

NOW, therefore, be it resolved that the Board of Commissioners of the Town of Dublin hereby:

1. Adopts the Bladen, Columbus, Robeson Regional Hazard Mitigation Plan; and
2. Vests Public Works Director Jonathan Ward with the responsibility, authority, and the means to:
  - (a) Inform all concerned parties of this action.
  - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the Public Works Director Jonathan Ward to assure that, in cooperation with Bladen County, the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Board of Commissioners of the Town of Dublin for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

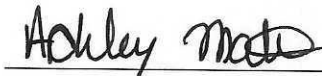
Adopted on this 3rd day of September, 2020.

By:



\_\_\_\_\_  
Mayor, Town of Dublin

Attest:



\_\_\_\_\_  
Town Clerk



## RESOLUTION OF ADOPTION

### TOWN OF TAR HEEL, NC

### HAZARD MITIGATION PLAN

WHEREAS, the citizens and property within Town of Tar Heel, Bladen County, North Carolina are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and

WHEREAS, the County desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the Town of Tar Heel, Bladen County, NC has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management.

WHEREAS, it is the intent of the Town Council of the Town Tar Heel, NC to fulfill this obligation in order that the County will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the County;

NOW, therefore, be it resolved that the Town Council of the Town of Tar Heel, NC hereby:



1. Adopts the Bladen, Columbus, Robeson Regional Hazard Mitigation Plan; and

2. Vests Emergency Services Director Nathan Dowless with the responsibility, authority, and the means to:

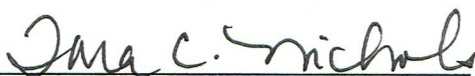
- (a) Inform all concerned parties of this action.
- (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.

3. Appoints the Emergency Services Director Nathan Dowless to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Town of Tar Heel Town Council for consideration.

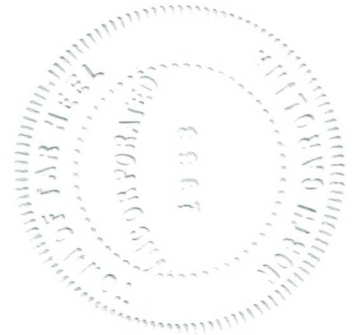
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted on this day, January 5, 2021

By: 

Attest: 

SEAL:



## RESOLUTION OF ADOPTION

TOWN OF CLARKTON

### HAZARD MITIGATION PLAN

WHEREAS, the citizens and property within the Town of Clarkton are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and

WHEREAS, the County desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the Town of Clarkton has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management.

WHEREAS, it is the intent of the Board of Commissioners of the Town of Clarkton to fulfill this obligation in order that the County will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the County;

NOW, therefore, be it resolved that the Board of Commissioners of the Town of Clarkton hereby:

1. Adopts the Bladen, Columbus, Robeson Regional Hazard Mitigation Plan; and

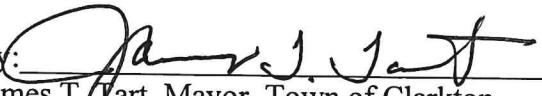
2. Vests Emergency Services Director Nathan Dowless with the responsibility, authority, and the means to:

- (a) Inform all concerned parties of this action.
- (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.

3. Appoints the Emergency Services Director Nathan Dowless to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Town of Clarkton Board of Commissioners for consideration.

4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted on this day, September 1, 2020

By:   
James T. Tart, Mayor, Town of Clarkton

Attest:   
Kentrina S. Woods, Town Clerk/Finance Officer

SEAL :



## RESOLUTION OF ADOPTION

### BLADEN COUNTY, NC

#### HAZARD MITIGATION PLAN

WHEREAS, the citizens and property within Bladen County are subject to the effects of natural hazards that pose threats to lives and cause damage to property; and

WHEREAS, the County desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the County of Bladen has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management.

WHEREAS, it is the intent of the Board of Commissioners of Bladen County to fulfill this obligation in order that the County will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the County;

NOW, therefore, be it resolved that the Bladen County Board of Commissioners hereby:

1. Adopts the Bladen, Columbus, Robeson Regional Hazard Mitigation Plan; and
2. Vests Emergency Services Director Nathan Dowless with the responsibility, authority, and the means to:
  - (a) Inform all concerned parties of this action.



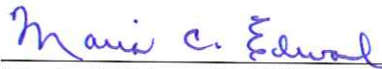
- (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.

3. Appoints the Emergency Services Director Nathan Dowless to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Bladen County Board of Commissioners for consideration.

4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted on this day, July 13, 2020

ATTEST:



\_\_\_\_\_  
Maria C. Edwards, NCCCC  
Clerk to the Board of Commissioners

BY:



\_\_\_\_\_  
Ray Britt, Chairman



**RESOLUTION OF ADOPTION  
TOWN OF ELIZABETHTOWN, NC  
HAZARD MITIGATION PLAN**

**#R-2020-20**

**WHEREAS, the citizens and property within the Town of Elizabethtown, Bladen County, North Carolina are subject to the effects of natural hazards that pose threats to lives and cause damage to property; and**

**WHEREAS, the Town desires to seek ways to mitigate the impact of identified hazard risks; and**

**WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and**

**WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a)(2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and**

**WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and**

**WHEREAS, the Town of Elizabethtown, Bladen County, NC has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management.**

**WHEREAS, it is the intent of the Town Council of the Town of Elizabethtown, NC to fulfill this obligation in order that the Town will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the Town;**

**NOW, therefore, be it resolved that the Town Council of the Town of Elizabethtown, NC hereby:**

- 1. Adopts the Bladen, Columbus, Robeson Regional Hazard Mitigation Plan; and**

2. Vests Emergency Services Director Nathan Dowless with the responsibility, authority, and the means to:
  - (a) Inform all concerned parties of this action.
  - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the Emergency Services Director Nathan Dowless to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Town of Elizabethtown Town Council for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted on this day, August 18, 2020.

  
Sylvia Campbell, Mayor

ATTEST:  
  
Juanita Hester, Town Clerk

## **TOWN OF WHITE LAKE**

### **RESOLUTION #2021-01**

#### **RESOLUTION OF ADOPTION BLADEN-COLUMBUS-ROBESON REGIONAL HAZARD MITIGATION PLAN**

WHEREAS, the citizens and property within the Town of White Lake are subject to the effects of natural hazards that pose threats to lives and cause damage to property,

WHEREAS, the Town desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five-year cycle; and

WHEREAS, the Town of White Lake, Bladen County has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management.

WHEREAS, it is the intent of the White Lake Town Board of Commissioners to fulfill this obligation in order that the County will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the County;

NOW, therefore, be it resolved that the White Lake Town Board of Commissioners hereby:

1. Adopts the Bladen-Columbus-Robeson Regional ; and



2. Vests the Director of Bladen County Emergency Services or their Agency with the responsibility, authority, and the means to:


- (a) Inform all concerned parties of this action.
- (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.

3. Appoints the Director of Bladen County Emergency Services or their Agency to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the White Lake Town Board of Commissioners for consideration.

4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

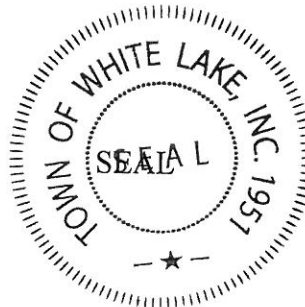
Adopted on this 8<sup>th</sup> day of September, 2020.

By:

  
\_\_\_\_\_  
H. Goldston Womble, Jr., Mayor

ATTEST:

  
\_\_\_\_\_  
Brenda Clark, MMC/NCCMC/CMC  
Clerk to the Board of Commissioners



# Bladen Columbus Robeson Hazard Mitigation Plan

## ADOPTION BY THE LOCAL GOVERNING BODY OF THE TOWN OF EAST ARCADIA

**Requirement § 201.6(c)(5)** *[The local hazard mitigation plan shall include] documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval of the plan (e.g., City Council, County Commissioner, Tribal Council).*

### RESOLUTION OF ADOPTION

### BLADEN COLUMBUS ROBESON

### HAZARD MITIGATION PLAN

WHEREAS, the citizens and property within [EAST ARCADIA] are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to [natural hazards such as flooding, tornadoes, hurricanes, severe weather, drought, earthquake, wildfires, dam failures]; and

WHEREAS, the County and City desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the [TOWN OF EAST ARCADIA] has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and

has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management.

WHEREAS, it is the intent of the [EAST ARCADIA TOWN COUNCIL] to fulfill this obligation in order that the City will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the City;

NOW, therefore, be it resolved that the [EAST ARCADIA TOWN COUNCIL] hereby:

1. Adopts the [Bladen Columbus Robeson Regional Hazard Mitigation Plan]; and
2. Vests [Mayor of the Town of East Arcadia] with the responsibility, authority, and the means to:
  - (a) Inform all concerned parties of this action.
  - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the [Mayor and Town Clerk of the Town of East Arcadia] to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the [EAST ARCADIA TOWN COUNCIL] for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted on this day, 8th, February, 2021

By: Carlee Carlee  
Councilman Carlee Carlee

Lillian Graham  
Councilwoman Lillian Graham

Pamela Graham  
Councilwoman Pamela Graham

Rhonda Hall  
Councilwoman Rhonda Hall

Horace Munn  
Councilman Horace Munn

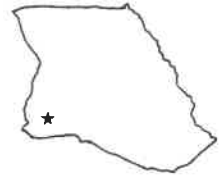
Certified by: Mayor Perry Blanks

SEAL: Perry Blanks

Date: 2/8/21



# *Town of Bladenboro*



## **RESOLUTION OF ADOPTION TOWN OF BLADENBORO HAZARD MITIGATION PLAN**

WHEREAS, the citizens and property within the Town of Bladenboro are subject to the effects of natural hazards that pose threats to lives and cause damage to property; and

WHEREAS, the Town of Bladenboro desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five-year cycle; and

WHEREAS, the Town of Bladenboro has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management.

WHEREAS, it is the intent of the Board of Commissioners of the Town of Bladenboro to fulfill this obligation in order that the Town of Bladenboro will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the Town of Bladenboro;

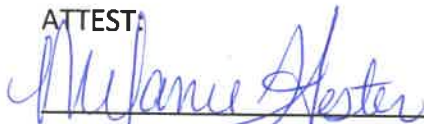


NOW, therefore, be it resolved that the Board of Commissioners of the Town of Bladenboro hereby:

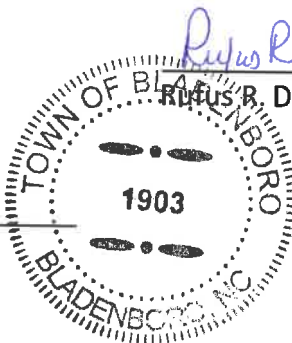
1. Adopts the Bladen, Columbus, Robeson Regional Hazard Mitigation Plan; and
2. Vests Bladen County Emergency Services Director Nathan Dowless and Town of Bladenboro's Town Administrator Oryan D. Lowry with the responsibility, authority, and the means to:
  - (a) Inform all concerned parties of this action.
  - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the Bladen County Emergency Services Director Nathan Dowless and Town of Bladenboro's Town Administrator Oryan D. Lowry to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Board of Commissioner of the Town of Bladenboro for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted this 14<sup>th</sup> day of September, 2020

ATTEST:



Melanie Hester, Town Clerk



Rufus B. Duckworth, Mayor

## **RESOLUTION OF ADOPTION**

### **TOWN OF BRUNSWICK**

#### **HAZARD MITIGATION PLAN**

WHEREAS, the citizens and property within The Town of Brunswick are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to hurricanes, flooding, severe winter storms, thunderstorms/lightning/hail, tornadoes, wildfire, earthquakes, dam/levee failure, and droughts/heat waves; and

WHEREAS, the Town of Brunswick desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the Town of Brunswick has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management; and

WHEREAS, it is the intent of the Board of Commissioners of the Town of Brunswick to fulfill this obligation in order that the Town of Brunswick will be eligible for federal and


state assistance in the event that a state of disaster is declared for a hazard event affecting the Town of Brunswick.

NOW, therefore, be it resolved that the Board of Commissioner of The Town of Brunswick hereby:

1. Adopts the Bladen Columbus Robeson Regional Hazard Mitigation Plan.
2. Vests the Town of Brunswick Mayor or her designee with the responsibility, authority, and the means to:
  - (a) Inform all concerned parties of this action.
  - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map, and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the Town of Brunswick Mayor or her designee to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Board of Commissioners of The Town of Brunswick for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted this the 19<sup>th</sup> day of October, 2020.

**TOWN OF BRUNSWICK  
BOARD OF COMMISSIONERS**

  
\_\_\_\_\_  
Nancy Hill, Mayor

Attested By:

  
\_\_\_\_\_  
Cheryl Clewis, Town Clerk

**Resolution No. 2020-R-131**



**RESOLUTION ADOPTING THE  
BLADEN/COLUMBUS/ROBESON REGIONAL HAZARD MITIGATION PLAN**

WHEREAS, the citizens and property within Columbus County are subject to the effects of natural hazards and man-made hazard events that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to flooding, high winds, droughts/heat waves, and severe winter weather; and

WHEREAS, the County and participating municipal jurisdictions desire to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6 of Article 1A of Chapter 166A of the North Carolina General Statutes, stated in Item 19.41(b)(2): "For a state of emergency declared pursuant to G.S. 166A-19.20(a) after the deadline established by the Federal Emergency Management Agency pursuant to the Disaster Mitigation Act of 2002, P.L. 106-390, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act;" and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the County and its participating municipal jurisdictions have performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and have updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management; and

WHEREAS, it is the intent of the County Board of Commissioners to fulfill this obligation in order that the county will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the County; and

WHEREAS, the City of Whiteville actively participated in the planning process of the Bladen/Columbus/Robeson Regional Hazard Mitigation Plan and has fulfilled all their part of the multi-jurisdictional planning elements required by FEMA; and



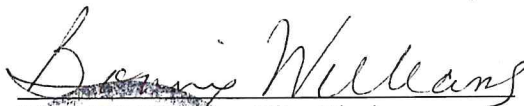
**NOW, THEREFORE, Be it Resolved that the City Council of the City of Whiteville hereby:**

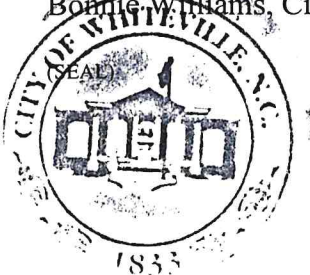
1. Adopts the Bladen/Columbus/Robeson Regional Hazard Mitigation Plan; and
2. Separately adopts the sections of the plan that are specific to the City of Whiteville; and
3. Vests the Whiteville Emergency Services Director with the responsibility, authority, and the means to:
  - (a) Inform all concerned parties of this action.
  - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map, and identify floodplain or flood-related erosion areas, and cooperate with neighboring communities with respect to management of adjoining floodplain and/or flood-related erosion areas in order to prevent aggravation of existing hazards.
4. Appoints the Whiteville Emergency Services Director to assure that, in cooperation with Columbus County, the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the City of Whiteville City Council for consideration.
5. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the 2020 Bladen/Columbus/Robeson Regional Hazard Mitigation Plan.

**Adopted this 27th day of October 2020.**

  
\_\_\_\_\_  
Terry Mann, Mayor

ATTEST:

  
\_\_\_\_\_  
Bonnie Williams, City Clerk



# **RESOLUTION OF ADOPTION**

COLUMBUS COUNTY

## **HAZARD MITIGATION PLAN**

WHEREAS, the citizens and property within Columbus County are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to hurricanes, flooding, severe winter storms, thunderstorms/lightning/hail, tornadoes, wildfire, earthquakes, dam/levee failure, and droughts/heat waves; and

WHEREAS, the County desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the County of Columbus has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management; and

WHEREAS, it is the intent of the Board of Commissioners of Columbus County to fulfill this obligation in order that the County will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the County.

NOW, therefore, be it resolved that the Board of Commissioners of Columbus County hereby:

1. Adopts the Bladen Columbus Robeson Regional Hazard Mitigation Plan.
2. Vests the Columbus County Planning Department Manager with the responsibility, authority, and the means to:
  - (a) Inform all concerned parties of this action.
  - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map, and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the Columbus County Planning Department Manager to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Board of Commissioners of Columbus County for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted this the 8<sup>th</sup> day of September, 2020.

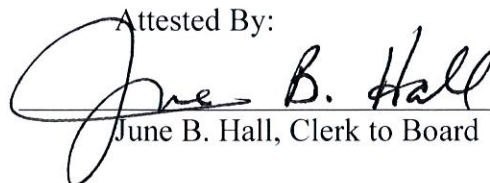
**COLUMBUS COUNTY  
BOARD OF COMMISSIONERS**



\_\_\_\_\_  
P. Edwin Russ, Chairman



Attested By:



\_\_\_\_\_  
June B. Hall, Clerk to Board



**RESOLUTION OF ADOPTION  
TOWN OF SANDYFIELD  
HAZARD MITIGATION PLAN**

WHEREAS, the citizens and property within Town of Sandyfield are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the Town of Sandyfield are particularly vulnerable to hurricanes, flooding, severe winter storms, thunderstorms/lightning/hail, tornadoes, wildfire, earthquakes, dam/levee failure, and droughts/heat waves; and

WHEREAS, the Town of Sandyfield desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five-year cycle; and

WHEREAS, the Town of Sandyfield of Columbus County has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management; and

WHEREAS, it is the intent of the Town Council of the Town of Sandyfield to fulfill this obligation in order that the Town of Sandyfield will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the Town of Sandyfield.

NOW, therefore, be it resolved that the Town Council of Town of Sandyfield hereby:

1. Adopts the Bladen Columbus Robeson Regional Hazard Mitigation Plan.
2. Vests the Columbus County Planning Department Manager with the responsibility, authority, and the means to:
  - (a) Inform all concerned parties of this action.
  - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map, and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the Columbus County Planning Department Manager to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Town Council of Town of Sandyfield for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted this the 20<sup>th</sup> day of October, 2020.

**TOWN OF SANDYFIELD  
TOWN COUNCIL**

  
\_\_\_\_\_  
Garry Keaton, Mayor

Attest:

  
\_\_\_\_\_  
Claudia A. Bray, Town Clerk



# Town of Boardman

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## RESOLUTION OF ADOPTION

TOWN OF BOARDMAN

### HAZARD MITIGATION PLAN

WHEREAS, the citizens and property within the Town of Boardman are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to hurricanes, flooding, severe winter storms, thunderstorms/lightning/hail, tornadoes, wildfire, earthquakes, dam/levee failure, and droughts/heat waves; and

WHEREAS, the Town desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

P.O. Box 87, Evergreen, NC 28438  
Phone: 910-608-0390  
Fax: 910-608-0335



WHEREAS, the Town has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management; and

WHEREAS, it is the intent of the Town Council of the Town of Boardman to fulfill this obligation in order that the Town will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the Town.

NOW, therefore, be it resolved that the Town Council of the Town of Boardman hereby:

1. Adopts the Bladen Columbus Robeson Regional Hazard Mitigation Plan.
2. Vests the Columbus County Planning Department Manager with the responsibility, authority, and the means to:
  - (a) Inform all concerned parties of this action.
  - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map, and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the Columbus County Planning Department Manager to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Town Council of the Town of Boardman for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted this the 14<sup>th</sup> day of September, 2020.

**TOWN OF BOARDMAN  
TOWN COUNCIL**

Randy Williamson  
Randy Williamson, Mayor

Attested By:

Crystal W. Rogers  
Crystal W. Rogers, Town Clerk



## RESOLUTION OF ADOPTION

COLUMBUS COUNTY

### HAZARD MITIGATION PLAN

WHEREAS, the citizens and property within The Town of Bolton are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to hurricanes, flooding, severe winter storms, thunderstorms/lightning/hail, tornadoes, wildfire, earthquakes, dam/levee failure, and droughts/heat waves; and

WHEREAS, the Town desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the Town of Bolton has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management; and

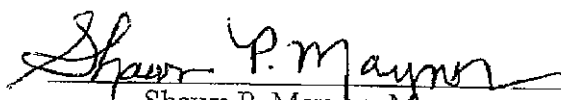
WHEREAS, it is the intent of the Board of Alderman of the Town of Bolton to fulfill this obligation in order that the County will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the County.

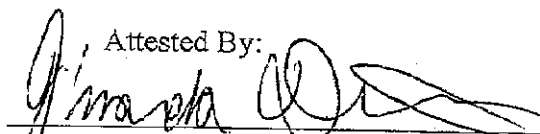
NOW, therefore, be it resolved that the Board of Alderman of the Town of Bolton hereby:

1. Adopts the Bladen Columbus Robeson Regional Hazard Mitigation Plan.
2. Vests the Columbus County Planning Department Manager with the responsibility, authority, and the means to:
  - (a) Inform all concerned parties of this action.
  - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map, and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the Columbus County Planning Department Manager to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Board of Alderman of the Town of Bolton for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted this the 8<sup>th</sup> day of September, 2020.

**TOWN OF BOLTON**

  
 Shawn P. Maynor, Mayor

Attested By:  
  
 J'manda Dunston, Intern Town Clerk

# **RESOLUTION OF ADOPTION**

## **TOWN OF FAIR BLUFF**

### **HAZARD MITIGATION PLAN**

WHEREAS, the citizens and property within the Town of Fair Bluff are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the town are particularly vulnerable to hurricanes, flooding, severe winter storms, thunderstorms/lightning/hail, tornadoes, wildfire, earthquakes, dam/levee failure, and droughts/heat waves; and

WHEREAS, the Town desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the Town of Fair Bluff has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management; and

WHEREAS, it is the intent of the Board of Commissioners of the Town of Fair Bluff to fulfill this obligation in order that the Town will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the Town.

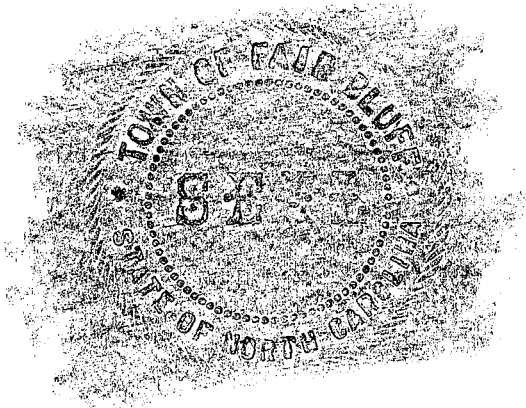
NOW, therefore, be it resolved that the Board of Commissioners of the Town of Fair Bluff hereby:

1. Adopts the Bladen Columbus Robeson Regional Hazard Mitigation Plan.



2. Vests the Town of Fair Bluff Mayor with the responsibility, authority, and the means to:
- (a) Inform all concerned parties of this action.
  - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map, and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the Town of Fair Bluff Mayor to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Board of Commissioners of the Town of Fair Bluff for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

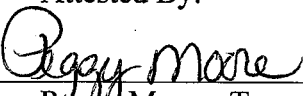
Adopted this the 1st day of September, 2020.



**TOWN OF FAIR BLUFF**

  
\_\_\_\_\_  
Billy Hammond, Mayor

Attested By:

  
\_\_\_\_\_  
Peggy Moore, Town Clerk

## **RESOLUTION OF ADOPTION**

TOWN OF TABOR CITY

### **HAZARD MITIGATION PLAN**

WHEREAS, the citizens and property within Tabor City are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to hurricanes, flooding, severe winter storms, thunderstorms/lightning/hail, tornadoes, wildfire, earthquakes, dam/levee failure, and droughts/heat waves; and

WHEREAS, the Town desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the Town of Tabor City has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management; and

WHEREAS, it is the intent of the Town Council of the Town of Tabor City to fulfill this obligation in order that the Town will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the Town.

NOW, therefore, be it resolved that the Town Council of the Town of Tabor City hereby:


1. Adopts the Bladen Columbus Robeson Regional Hazard Mitigation Plan.
2. Vests the Columbus County Planning Department Manager with the responsibility, authority, and the means to:
  - (a) Inform all concerned parties of this action.
  - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map, and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the Columbus County Planning Department Manager to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Board of Commissioners of Columbus County for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted this the 8<sup>th</sup> day of September, 2020.

**Town of Tabor City  
Town Council**

  
\_\_\_\_\_  
Royce Harper, Mayor

Attested By:

  
\_\_\_\_\_  
Lora Thompson, Town Clerk



## **RESOLUTION OF ADOPTION**

Town of Chadbourn

### **HAZARD MITIGATION PLAN**

WHEREAS, the citizens and property within Town of Chadbourn are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to hurricanes, flooding, severe winter storms, thunderstorms/lightning/hail, tornadoes, wildfire, earthquakes, dam/levee failure, and droughts/heat waves; and

WHEREAS, the Town of Chadbourn desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the Town of Chadbourn has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management; and

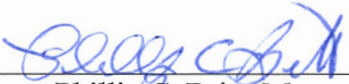
WHEREAS, it is the intent of the Town of Chadbourn to fulfill this obligation in order that the Town will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the Town.

NOW, therefore, be it resolved that the Town Council of the Town of Chadbourn hereby:

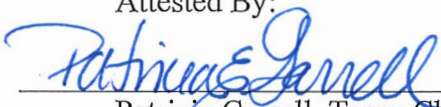
1. Adopts the Bladen Columbus Robeson Regional Hazard Mitigation Plan.
2. Vests the Columbus County Planning Department Manager with the responsibility, authority, and the means to:
  - (a) Inform all concerned parties of this action.
  - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map, and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the Columbus County Planning Department Manager to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Board of Commissioners of Columbus County for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted this the 17<sup>th</sup> day of November, 2020.

**Town of Chadbourn  
Town Council**

  
\_\_\_\_\_  
Phillip C. Britt, Mayor



Attested By:  
  
\_\_\_\_\_  
Patricia Garrell, Town Clerk



## **RESOLUTION OF ADOPTION**

Town of Lake Waccamaw

### **HAZARD MITIGATION PLAN**

WHEREAS, the citizens and property within the Town of Lake Waccamaw are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to hurricanes, flooding, severe winter storms, thunderstorms/lightning/hail, tornadoes, wildfire, earthquakes, dam/levee failure, and droughts/heat waves; and

WHEREAS, the County desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five-year cycle; and

WHEREAS, the County of Columbus has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management; and

WHEREAS, it is the intent of the Board of Commissioners of the Town of Lake Waccamaw to fulfill this obligation in order that the Town will be eligible for federal and

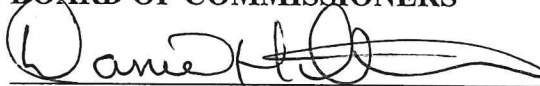
state assistance in the event that a state of disaster is declared for a hazard event affecting the Town.

NOW, therefore, be it resolved that the Board of Commissioner of the Town of Lake Waccamaw hereby:

1. Adopts the Bladen Columbus Robeson Regional Hazard Mitigation Plan.
2. Vests the Columbus County Planning Department Manager with the responsibility, authority, and the means to:
  - (a) Inform all concerned parties of this action.
  - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map, and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the Columbus County Planning Department Manager to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Board of Commissioners of Columbus County for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted this the 13<sup>th</sup> day of October, 2020.

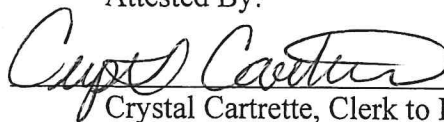
**TOWN OF LAKE WACCAMAW  
BOARD OF COMMISSIONERS**



Daniel Hilburn, Mayor



Attested By:



Crystal Cartrette, Clerk to Board

## **RESOLUTION OF ADOPTION**

Town of Cerro Gordo

### **HAZARD MITIGATION PLAN**

WHEREAS, the citizens and property within the Town of Cerro Gordo are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to hurricanes, flooding, severe winter storms, thunderstorms/lightning/hail, tornadoes, wildfire, earthquakes, dam/levee failure, and droughts/heat waves; and

WHEREAS, the Town desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the Town of Cerro Gordo has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management; and

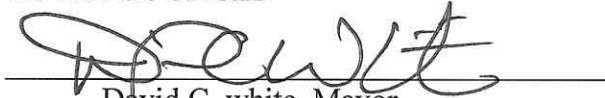
WHEREAS, it is the intent of the Town Council of the Town of Cerro Gordo to fulfill this obligation in order that the Town will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the Town.

NOW, therefore, be it resolved that the Town Council of the Town of Cerro Gordo hereby:

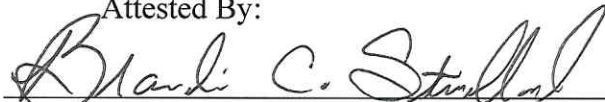
1. Adopts the Bladen Columbus Robeson Regional Hazard Mitigation Plan.
2. Vests the Columbus County Planning Department Manager with the responsibility, authority, and the means to:
  - (a) Inform all concerned parties of this action.
  - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map, and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the Columbus County Planning Department Manager to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the Town Council of the Town of Cerro Gordo for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted this the 1<sup>st</sup> day of September, 2020.

**TOWN OF CERRO GORDO  
TOWN COUNCIL**

  
\_\_\_\_\_  
David C. white, Mayor

Attested By:

  
\_\_\_\_\_  
Brandi C. Strickland, Town Clerk

**RESOLUTION TO ADOPT THE  
BLADEN, COLUMBUS AND ROBESON  
REGIONAL HAZARD MITIGATION PLAN**

WHEREAS, **Town of St. Pauls** is vulnerable to an array of natural hazards that can cause loss of life and damages to public and private property; and

WHEREAS, **Town of St. Pauls** desires to seek ways to mitigate situations that may aggravate such circumstances; and

WHEREAS, the development and implementation of a hazard mitigation plan can result in actions that reduce the long-term risk to life and property from natural hazards; and

WHEREAS, it is the intent of the **Board of Commissioners** to protect its citizens and property from the effects of natural hazards by preparing and maintaining a local hazard mitigation plan; and

WHEREAS, it is also the intent of the **Board of Commissioners** to fulfill its obligation under North Carolina General Statutes, Chapter 166A: North Carolina Emergency Management Act and Section 322: Mitigation Planning, of the Robert T. Stafford Disaster Relief and Emergency Assistance Act to remain eligible to receive state and federal assistance in the event of a declared disaster affecting **Robeson County**; and


WHEREAS, **St. Pauls**, in coordination with the incorporated municipalities in **Robeson County**, has prepared a hazard mitigation plan with input from the appropriate local and state officials;

WHEREAS, the North Carolina Division of Emergency Management and the Federal Emergency Management Agency have reviewed the Robeson County Hazard Mitigation Plan for legislative compliance and has approved the plan pending the completion of local adoption procedures;

NOW, THEREFORE, BE IT RESOLVED that the **Board of Commissioners of St. Pauls** hereby:

1. Adopts the Bladen Columbus Robeson Hazard Mitigation Plan; and
2. Agrees to take such other official action as may be reasonably necessary to carry out the proposed actions of the Plan.

Adopted on 9-28, 2020.

  
Elbert Gibson, Mayor  
Town of St. Pauls

ATTEST:

  
Debra McNeill, Clerk



**RESOLUTION TO ADOPT THE  
BLADEN, COLUMBUS AND ROBESON  
REGIONAL HAZARD MITIGATION PLAN**

WHEREAS, the **City of Lumberton** is vulnerable to an array of natural hazards that can cause loss of life and damages to public and private property; and

WHEREAS, the **City of Lumberton** desires to seek ways to mitigate situations that may aggravate such circumstances; and

WHEREAS, the development and implementation of a hazard mitigation plan can result in actions that reduce the long-term risk to life and property from natural hazards; and

WHEREAS, it is the intent of the **Lumberton City Council** to protect its citizens and property from the effects of natural hazards by preparing and maintaining a local hazard mitigation plan; and

WHEREAS, it is also the intent of the **Lumberton City Council** to fulfill its obligation under North Carolina General Statutes, Chapter 166A: North Carolina Emergency Management Act and Section 322: Mitigation Planning, of the Robert T. Stafford Disaster Relief and Emergency Assistance Act to remain eligible to receive state and federal assistance in the event of a declared disaster affecting the **City of Lumberton**; and

WHEREAS, the **City of Lumberton**, in coordination with **Robeson County**, has prepared a hazard mitigation plan with input from the appropriate local and state officials;

WHEREAS, the North Carolina Division of Emergency Management and the Federal Emergency Management Agency have reviewed the Bladen, Columbus and Robeson Regional Hazard Mitigation Plan for legislative compliance and has approved the plan pending the completion of local adoption procedures;

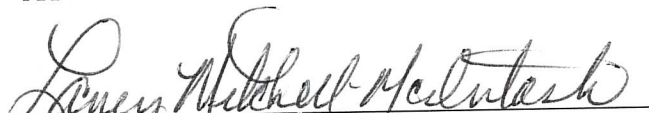
NOW, THEREFORE, BE IT RESOLVED that the **Lumberton City Council** hereby:

1. Adopts the Bladen, Columbus and Robeson Regional Hazard Mitigation Plan; and
2. Agrees to take such other official action as may be reasonably necessary to carry out the proposed actions of the Plan.

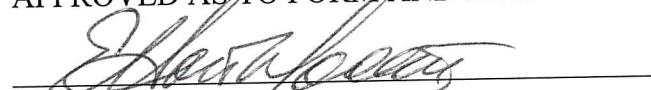
On a motion of Councilman Chavis, seconded by Councilman Howard, the foregoing Resolution was adopted on the 9<sup>th</sup> day of September 2020.

  
Bruce W Davis, Mayor

ATTEST:

  
Laney Mitchell-McIntosh, City Clerk

APPROVED AS TO FORM AND LEGAL SUFFICIENCY:

  
E. Holt Moore, City Attorney

Resolution No. 2020.09.01



**RESOLUTION TO ADOPT THE  
BLADEN, COLUMBUS AND ROBESON  
REGIONAL HAZARD MITIGATION PLAN**

WHEREAS, Robeson County is vulnerable to an array of natural hazards that can cause loss of life and damages to public and private property; and

WHEREAS, Robeson County desires to seek ways to mitigate situations that may aggravate such circumstances; and

WHEREAS, the development and implementation of a hazard mitigation plan can result in actions that reduce the long-term risk to life and property from natural hazards; and

WHEREAS, it is the intent of the Board of Commissioners to protect its citizens and property from the effects of natural hazards by preparing and maintaining a local hazard mitigation plan; and

WHEREAS, it is also the intent of the Board of Commissioners to fulfill its obligation under North Carolina General Statutes, Chapter 166A: North Carolina Emergency Management Act and Section 322: Mitigation Planning, of the Robert T. Stafford Disaster Relief and Emergency Assistance Act to remain eligible to receive state and federal assistance in the event of a declared disaster affecting Robeson County; and

WHEREAS, Robeson County, in coordination with the incorporated municipalities in Robeson County, has prepared a hazard mitigation plan with input from the appropriate local and state officials;

WHEREAS, the North Carolina Division of Emergency Management and the Federal Emergency Management Agency have reviewed the Robeson County Hazard Mitigation Plan for legislative compliance and has approved the plan pending the completion of local adoption procedures;

NOW, THEREFORE, BE IT RESOLVED that the Board of Commissioners of Robeson County hereby:

1. Adopts the Bladen Columbus Robeson Hazard Mitigation Plan; and
2. Agrees to take such other official action as may be reasonably necessary to carry out the proposed actions of the Plan.

*Adopted on this 3<sup>rd</sup> day of August 2020.*



*Lance Herndon*  
Lance Herndon, Chairman

*Tammy Freeman*  
Tammy Freeman, Clerk to the Board

**RESOLUTION 20-07**  
**TO ADOPT THE BLADEN, COLUMBUS AND ROBESON**  
**REGIONAL HAZARD MITIGATION PLAN**

WHEREAS, **the Town of Fairmont** is vulnerable to an array of natural hazards that can cause loss of life and damages to public and private property; and

WHEREAS, **The Town of Fairmont** desires to seek ways to mitigate situations that may aggravate such circumstances; and

WHEREAS, the development and implementation of a hazard mitigation plan can result in actions that reduce the long-term risk to life and property from natural hazards; and

WHEREAS, it is the intent of the **Board of Commissioners** to protect its citizens and property from the effects of natural hazards by preparing and maintaining a local hazard mitigation plan; and

WHEREAS, it is also the intent of the **Board of Commissioners** to fulfill its obligation under North Carolina General Statutes, Chapter 166A: North Carolina Emergency Management Act and Section 322: Mitigation Planning, of the Robert T. Stafford Disaster Relief and Emergency Assistance Act to remain eligible to receive state and federal assistance in the event of a declared disaster affecting **the Town of Fairmont**; and

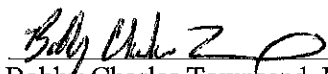
WHEREAS, Robeson County, in coordination with the incorporated municipalities in Robeson County, has prepared a hazard mitigation plan with input from the appropriate local and state officials;

WHEREAS, the North Carolina Division of Emergency Management and the Federal Emergency Management Agency have reviewed the Bladen Columbus Robeson County Hazard Mitigation Plan for legislative compliance and has approved the plan pending the completion of local adoption procedures;

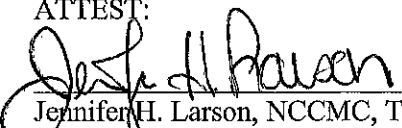
NOW, THEREFORE, BE IT RESOLVED that the **Board of Commissioners of the Town of Fairmont** hereby:

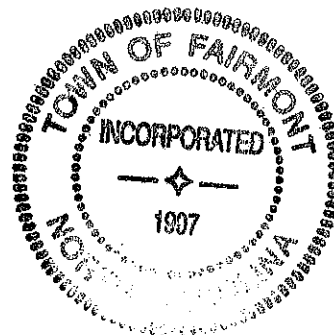
1. Adopts the Bladen Columbus Robeson Hazard Mitigation Plan; and
2. Agrees to take such other official action as may be reasonably necessary to carry out the proposed actions of the Plan.

Adopted on August 18, 2020.

  
\_\_\_\_\_  
Bobby Charles Townsend, Mayor

ATTEST:

  
\_\_\_\_\_  
Jennifer H. Larson, NCCMC, Town Clerk



## Resolution To Adopt The Bladen, Columbus And Robeson Regional Hazard Mitigation Plan

WHEREAS, Robeson County is vulnerable to an array of natural hazards that can cause loss of life and damages to public and private property; and

WHEREAS, Robeson County desires to seek ways to mitigate situations that may aggravate such circumstances; and

WHEREAS, the development and implementation of a hazard mitigation plan can result in actions that reduce the long-term risk of life and property from natural hazards; and

WHEREAS, it is the intent of the Town of Lumber Bridge to protect its citizens and property from the effects of natural hazards by preparing and maintaining a local hazard mitigation plan; and

WHEREAS, it is also the intent of the Town of Lumber Bridge to fulfill its obligation under North Carolina General Statutes, Chapter 166A: North Carolina Emergency Management Act and Section 322: Mitigation Planning, of the Robert T. Stafford Disaster Relief and Emergency Assistance Act to remain eligible to receive state and federal assistance in the event of a declared disaster affecting Robeson County; and

WHEREAS, Robeson County, in coordination with the incorporated municipalities in Robeson County, has prepared a hazard mitigation plan with input from the appropriate local and state officials;

WHEREAS, the North Carolina Division of Emergency Management and the Federal Emergency Management Agency have reviewed the Robeson County Hazard Mitigation Plan for legislative compliance and has approved the plan pending the completion of local adoption procedures;

NOW, THEREFORE, BE IT RESOLVED that the Town of Lumber Bridge hereby:

1. Adopts the Bladen Columbus Robeson Hazard Mitigation Plan; and
2. Agrees to take such other official action as may be reasonably necessary to carry out the proposed actions of the Plan.

Adopted on 11/11, 2020

  
Mayor William Davis

Town of Lumber Bridge

ATTEST  
  
Hilbert Wortmann, Clerk

Town of Lumber Bridge Clerk

**RESOLUTION TO ADOPT THE  
BLADEN, COLUMBUS AND ROBESON  
REGIONAL HAZARD MITIGATION PLAN**

WHEREAS, **Town of Marietta** is vulnerable to an array of natural hazards that can cause loss of life and damages to public and private property; and

WHEREAS, **Town of Marietta** desires to seek ways to mitigate situations that may aggravate such circumstances; and

WHEREAS, the development and implementation of a hazard mitigation plan can result in actions that reduce the long-term risk to life and property from natural hazards; and

WHEREAS, it is the intent of the **Town Council** to protect its citizens and property from the effects of natural hazards by preparing and maintaining a local hazard mitigation plan; and

WHEREAS, it is also the intent of the **Town of Marietta Council** to fulfill its obligation under North Carolina General Statutes, Chapter 166A: North Carolina Emergency Management Act and Section 322: Mitigation Planning, of the Robert T. Stafford Disaster Relief and Emergency Assistance Act to remain eligible to receive state and federal assistance in the event of a declared disaster affecting **Robeson County**; and

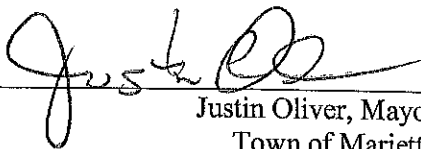
WHEREAS, **Town of Marietta**, in coordination with the incorporated municipalities in **Robeson County**, has prepared a hazard mitigation plan with input from the appropriate local and state officials;

WHEREAS, the North Carolina Division of Emergency Management and the Federal Emergency Management Agency have reviewed the Robeson County Hazard Mitigation Plan for legislative compliance and has approved the plan pending the completion of local adoption procedures;


NOW, THEREFORE, BE IT RESOLVED that the **Town Council for the Town of Marietta** hereby:

1. Adopts the Bladen Columbus Robeson Hazard Mitigation Plan; and
2. Agrees to take such other official action as may be reasonably necessary to carry out the proposed actions of the Plan.

Adopted on Aug 18, 2020.

  
Justin Oliver, Mayor  
Town of Marietta

ATTEST:

  
\_\_\_\_\_, Clerk



**RESOLUTION TO ADOPT THE  
BLADEN, COLUMBUS AND ROBESON  
REGIONAL HAZARD MITIGATION PLAN**

WHEREAS, **The Town of Maxton** is vulnerable to an array of natural hazards that can cause loss of life and damages to public and private property; and

WHEREAS, **The Town of Maxton** desires to seek ways to mitigate situations that may aggravate such circumstances; and

WHEREAS, the development and implementation of a hazard mitigation plan can result in actions that reduce the long-term risk to life and property from natural hazards; and

WHEREAS, it is the intent of the **Board of Commissioners** to protect its citizens and property from the effects of natural hazards by preparing and maintaining a local hazard mitigation plan; and

WHEREAS, it is also the intent of the **Board of Commissioners** to fulfill its obligation under North Carolina General Statutes, Chapter 166A: North Carolina Emergency Management Act and Section 322: Mitigation Planning, of the Robert T. Stafford Disaster Relief and Emergency Assistance Act to remain eligible to receive state and federal assistance in the event of a declared disaster affecting **Robeson County**; and

WHEREAS, **Robeson County**, in coordination with the incorporated municipalities in **Robeson County**, has prepared a hazard mitigation plan with input from the appropriate local and state officials;

WHEREAS, the North Carolina Division of Emergency Management and the Federal Emergency Management Agency have reviewed the Robeson County Hazard Mitigation Plan for legislative compliance and has approved the plan pending the completion of local adoption procedures;

NOW, THEREFORE, BE IT RESOLVED that the **Board of Commissioners of the Town of Maxton** hereby:

1. Adopts the Bladen, Columbus and Robeson Hazard Mitigation Plan; and
2. Agrees to take such other official action as may be reasonably necessary to carry out the proposed actions of the Plan.

Adopted on August 18<sup>th</sup>, 2020.

Paul G. Davis  
Mayor

ATTEST:

Jacqueline M. Johnson, CMC  
Town Clerk



**RESOLUTION TO ADOPT THE  
BLADEN, COLUMBUS AND ROBESON  
REGIONAL HAZARD MITIGATION PLAN**

WHEREAS, **Town of McDonald** is vulnerable to an array of natural hazards that can cause loss of life and damages to public and private property; and

WHEREAS, **Town of McDonald** desires to seek ways to mitigate situations that may aggravate such circumstances; and

WHEREAS, the development and implementation of a hazard mitigation plan can result in actions that reduce the long-term risk to life and property from natural hazards; and

WHEREAS, it is the intent of the **Town Council** to protect its citizens and property from the effects of natural hazards by preparing and maintaining a local hazard mitigation plan; and

WHEREAS, it is also the intent of the **Town of McDonald Council** to fulfill its obligation under North Carolina General Statutes, Chapter 166A: North Carolina Emergency Management Act and Section 322: Mitigation Planning, of the Robert T. Stafford Disaster Relief and Emergency Assistance Act to remain eligible to receive state and federal assistance in the event of a declared disaster affecting **Robeson County**; and

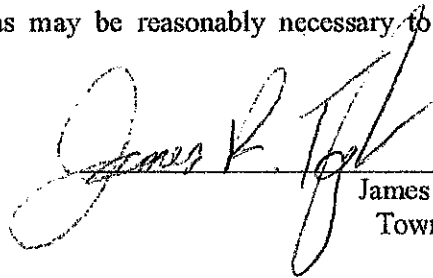
WHEREAS, **Town of McDonald**, in coordination with the incorporated municipalities in **Robeson County**, has prepared a hazard mitigation plan with input from the appropriate local and state officials;

WHEREAS, the North Carolina Division of Emergency Management and the Federal Emergency Management Agency have reviewed the Robeson County Hazard Mitigation Plan for legislative compliance and has approved the plan pending the completion of local adoption procedures;

NOW, THEREFORE, BE IT RESOLVED that the **Town Council for the Town of McDonald** hereby:

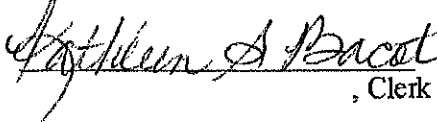
1. Adopts the Bladen Columbus Robeson Hazard Mitigation Plan; and
2. Agrees to take such other official action as may be reasonably necessary to carry out the proposed actions of the Plan.

Adopted on 10-1, 2020.



James Taylor, Mayor  
Town of McDonald

ATTEST:

  
Kathleen A. Bacot  
Clerk

**Town of Orrum**

**RESOLUTION TO ADOPT THE  
BLADEN, COLUMBUS AND ROBESON  
REGIONAL HAZARD MITIGATION PLAN**

WHEREAS, the Town of Orrum is vulnerable to an array of natural hazards that can cause loss of life and damages to public and private property; and

WHEREAS, the Town of Orrum desires to seek ways to mitigate situations that may aggravate such circumstances; and

WHEREAS, the development and implementation of a hazard mitigation plan can result in actions that reduce the long-term risk to life and property from natural hazards; and

WHEREAS, it is the intent of the Board of Alderman to protect its citizens and property from the effects of natural hazards by preparing and maintaining a local hazard mitigation plan; and

WHEREAS, it is also the intent of the Board of Alderman to fulfill its obligation under North Carolina General Statutes, Chapter 166A: North Carolina Emergency Management Act and Section 322: Mitigation Planning, of the Robert T. Stafford Disaster Relief and Emergency Assistance Act to remain eligible to receive state and federal assistance in the event of a declared disaster affecting the Town of Orrum; and


WHEREAS, the Town of Orrum, in coordination with the incorporated municipalities in **Robeson County**, has prepared a hazard mitigation plan with input from the appropriate local and state officials;

WHEREAS, the North Carolina Division of Emergency Management and the Federal Emergency Management Agency have reviewed the Robeson County Hazard Mitigation Plan for legislative compliance and has approved the plan pending the completion of local adoption procedures;

NOW, THEREFORE, BE IT RESOLVED that the Board of Alderman of the Town of Orrum hereby:

1. Adopts the Robeson County Hazard Mitigation Plan; and
2. Agrees to take such other official action as may be reasonably necessary to carry out the proposed actions of the Plan.

Adopted on Oct. 6, 2020.



Wilton Caulder, Mayor  
Town of Orrum

ATTEST:

  
Lettie Navarrete, Clerk

**RESOLUTION TO ADOPT THE  
BLADEN, COLUMBUS AND ROBESON  
REGIONAL HAZARD MITIGATION PLAN**

WHEREAS, Town of Parkton is vulnerable to an array of natural hazards that can cause loss of life and damages to public and private property; and

WHEREAS, Town of Parkton desires to seek ways to mitigate situations that may aggravate such circumstances; and

WHEREAS, the development and implementation of a hazard mitigation plan can result in actions that reduce the long-term risk to life and property from natural hazards; and

WHEREAS, it is the intent of the Board of Commissioners to protect its citizens and property from the effects of natural hazards by preparing and maintaining a local hazard mitigation plan; and

WHEREAS, it is also the intent of the Board of Commissioners to fulfill its obligation under North Carolina General Statutes, Chapter 166A: North Carolina Emergency Management Act and Section 322: Mitigation Planning, of the Robert T. Stafford Disaster Relief and Emergency Assistance Act to remain eligible to receive state and federal assistance in the event of a declared disaster affecting Town of Parkton; and

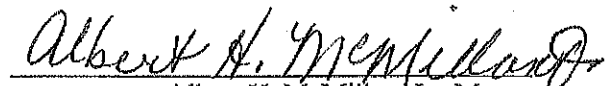
WHEREAS, Town of Parkton, in coordination with the incorporated municipalities in Robeson County, has prepared a hazard mitigation plan with input from the appropriate local and state officials;

WHEREAS, the North Carolina Division of Emergency Management and the Federal Emergency Management Agency have reviewed the Town of Parkton Hazard Mitigation Plan for legislative compliance and has approved the plan pending the completion of local adoption procedures;

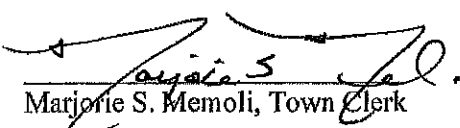
NOW, THEREFORE, BE IT RESOLVED that the Board of Commissioners of the Town of Parkton hereby:

1. Adopts the Bladen Columbus Robeson Hazard Mitigation Plan; and
2. Agrees to take such other official action as may be reasonably necessary to carry out the proposed actions of the Plan.

Adopted on October 6, 2020.

  
Albert H. McMillan, Jr., Mayor  
Town of Parkton

ATTEST:

  
Marjorie S. Memoli, Town Clerk



# Town of Pembroke

POST OFFICE BOX 866

PEMBROKE, NORTH CAROLINA

28372

OFFICE OF THE MAYOR

MUNICIPAL BUILDING  
100 SOUTH UNION CHAPEL ROAD

## RESOLUTION TO ADOPT THE BLADEN, COLUMBUS AND ROBESON REGIONAL HAZARD MITIGATION PLAN

WHEREAS, the **Town of Pembroke** is vulnerable to an array of natural hazards that can cause loss of life and damages to public and private property; and

WHEREAS, the **Town of Pembroke** desires to seek ways to mitigate situations that may aggravate such circumstances; and

WHEREAS, the development and implementation of a hazard mitigation plan can result in actions that reduce the long-term risk to life and property from natural hazards; and

WHEREAS, it is the intent of the **Pembroke Town Council** to protect its citizens and property from the effects of natural hazards by preparing and maintaining a local hazard mitigation plan; and

WHEREAS, it is also the intent of the **Pembroke Town Council** to fulfill its obligation under North Carolina General Statutes, Chapter 166A: North Carolina Emergency Management Act and Section 322: Mitigation Planning, of the Robert T. Stafford Disaster Relief and Emergency Assistance Act to remain eligible to receive state and federal assistance in the event of a declared disaster affecting the **Town of Pembroke**; and

WHEREAS, the **Town of Pembroke**, in coordination with **Robeson County**, has prepared a hazard mitigation plan with input from the appropriate local and state officials;

WHEREAS, the North Carolina Division of Emergency Management and the Federal Emergency Management Agency have reviewed the Robeson County Hazard Mitigation Plan for legislative compliance and has approved the plan pending the completion of local adoption procedures;

NOW, THEREFORE, BE IT RESOLVED that the **Pembroke Town Council for the Town of Pembroke** hereby:

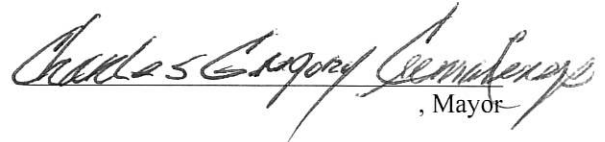
1. Adopts the Bladen Columbus Robeson Hazard Mitigation Plan; and
2. Agrees to take such other official action as may be reasonably necessary to carry out the proposed actions of the Plan.

Adopted on September 8, 2020.

ATTEST:

  
\_\_\_\_\_  
, Clerk



  
\_\_\_\_\_  
, Mayor



RESOLUTION TO ADOPT THE  
TOWN OF PROCTORVILLE  
REGIONAL HAZARD MITIGATION PLAN

WHEREAS, The Town of Proctorville is vulnerable to an array of natural hazards that can cause loss of life and Damages to public and private property; and

WHEREAS, The Town of Proctorville desire to seek ways to mitigate situations that may aggravate such Circumstances; and

WHEREAS, the development and implementation of a hazard mitigation plan can result in actions that reduce the long-term risk to life and property from natural hazards; and

WEHEREAS, it is the intent of the Board of Commissioners to protect its citizens and property from the effects of natural hazards by preparing and maintaining a local hazard mitigation plan; and

WHEREAS, it is also the intent of the Board of Commissioners to fulfill its obligation under North Carolina General Statutes, Chapter 166A: North Carolina Emergency Management Act and Section 322: Mitigation Planning, of the Robert T. Stafford Relief and Emergency Assistance Act to remain eligible to receive state and federal assistance in the event of a declared disaster affecting the Town of Proctorville; and

WHEREAS, The Town of Proctorville, in coordination with the incorporated municipalities in the Town of Proctorville, has prepared a hazard mitigation plan with input from the appropriate local and state officials;

WHEREAS, the North Carolina Division of Emergency Management and the Federal Emergency Management Agency have reviewed the Town of Proctorville Hazard Mitigation Plan of legislative compliance and has approved the plan pending the completion of local adoption procedures;

NOW, THEREFORE, BE IT RESOLVED that the Board of Commissioners of The Town of Proctorville hereby:

1. Adopts the Bladen Columbus Robeson Hazard Mitigation Plan
2. Agrees to take such other official action as may be reasonably necessary to carry out the proposed action of the Plan.

Adopted on October 6, 2020

  
Michael Sealy, Mayor  
Town of Proctorville

ATTEST:   
Rita Michelle Bass, Town Clerk

**RESOLUTION TO ADOPT THE  
BLADEN, COLUMBUS AND ROBESON  
REGIONAL HAZARD MITIGATION PLAN**

WHEREAS, **Town of Raynham** is vulnerable to an array of natural hazards that can cause loss of life and damages to public and private property; and

WHEREAS, **Town of Raynham** desires to seek ways to mitigate situations that may aggravate such circumstances; and

WHEREAS, the development and implementation of a hazard mitigation plan can result in actions that reduce the long-term risk to life and property from natural hazards; and

WHEREAS, it is the intent of the **Town Council** to protect its citizens and property from the effects of natural hazards by preparing and maintaining a local hazard mitigation plan; and

WHEREAS, it is also the intent of the **Town of Raynham Council** to fulfill its obligation under North Carolina General Statutes, Chapter 166A: North Carolina Emergency Management Act and Section 322: Mitigation Planning, of the Robert T. Stafford Disaster Relief and Emergency Assistance Act to remain eligible to receive state and federal assistance in the event of a declared disaster affecting **Robeson County**; and


WHEREAS, **Town of Raynham**, in coordination with the incorporated municipalities in **Robeson County**, has prepared a hazard mitigation plan with input from the appropriate local and state officials;

WHEREAS, the North Carolina Division of Emergency Management and the Federal Emergency Management Agency have reviewed the Robeson County Hazard Mitigation Plan for legislative compliance and has approved the plan pending the completion of local adoption procedures;

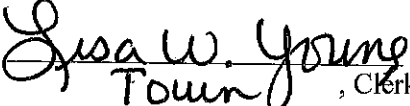
NOW, THEREFORE, BE IT RESOLVED that the **Town Council for the Town of Raynham** hereby:

1. Adopts the Bladen Columbus Robeson Hazard Mitigation Plan; and
2. Agrees to take such other official action as may be reasonably necessary to carry out the proposed actions of the Plan.

Adopted on 9-14, 2020.

  
\_\_\_\_\_  
Debra Arnette, Mayor  
Town of Raynham

ATTEST:

  
\_\_\_\_\_  
Lisa W. Young, Clerk

**RESOLUTION TO ADOPT THE  
BLADEN, COLUMBUS, AND ROBESON  
REGIONAL HAZARD MITIGATION PLAN**

WHEREAS, **Town of Red Springs** is vulnerable to an array of natural hazards that can cause loss of life and damages to public and private property; and

WHEREAS, **Town of Red Springs** desires to seek ways to mitigate situations that may aggravate such circumstances; and

WHEREAS, the development and implementation of a hazard mitigation plan can result in actions that reduce the long-term risk to life and property from natural hazards; and

WHEREAS, it is the intent of the **Red Springs Board of Commissioners** to protect its citizens and property from the effects of natural hazards by preparing and maintaining a local hazard mitigation plan; and

WHEREAS, it is also the intent of the **Red Springs Board of Commissioners** to fulfill its obligation under North Carolina General Statutes, Chapter 166A: North Carolina Emergency Management Act and Section 322: Mitigation Planning, of the Robert T. Stafford Disaster Relief and Emergency Assistance Act to remain eligible to receive state and federal assistance in the event of a declared disaster affecting **Town of Red Springs**; and

WHEREAS, **Robeson County**, in coordination with the incorporated municipalities in **Town of Red Springs**, has prepared a hazard mitigation plan with input from the appropriate local and state officials.

WHEREAS, the North Carolina Division of Emergency Management and the Federal Emergency Management Agency have reviewed the Robeson County Hazard Mitigation Plan for legislative compliance and has approved the plan pending the completion of local adoption procedures.


NOW, THEREFORE, BE IT RESOLVED that the **Board of Commissioners of Red Springs** hereby:

1. Adopts the Bladen Columbus Robeson Hazard Mitigation Plan; and
2. Agrees to take such other official action as may be reasonably necessary to carry out the proposed actions of the Plan.

Adopted on 11-9, 2020.

  
Edward Henderson, Mayor &  
Red Springs Board of Commissioners

ATTEST:

  
~~Barbara McColl, Town Clerk~~  
Kasey Douglas, Deputy Finance Dir.

**RESOLUTION TO ADOPT THE  
BLADEN, COLUMBUS, AND ROBESON  
REGIONAL HAZARD MITIGATION PLAN**

WHEREAS, Rennert, NC is vulnerable to n array of natural hazards that can cause los of life and damages to public and private property, and

WHEREAS, Rennert, NC desires to seek ways to mitigate situations that may aggravate such circumstances, and

WHEREAS ,the development and implementation of a hazard mitigation plan can result in actions that reduce the long-term risk to life and property from natural hazards, and

WHEREAS, it is the intend of the **Board of Commissioners** to protect the citizens and property from the effects of natural hazards by preparing and maintain a local hazard mitigation plan, and

WHEREAS, it is also the intend of the **Board of Commissioners** t fulfill its obligation under North Carolina General Statutes, Chapter 166A North Carolina emergency Management Act and Section 322 Mitigation Planning of he Robert T Stafford Disaster Relief and Emergency Assistance Act to remain eligible to receive state and federal assistance in the even of a declared disaster affecting **Rennert, NC**, and

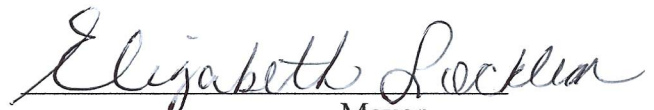
WHEREAS, **Rennert, NC**, in coordination with the incorporated municipalities in **Robeson County**, has prepared a hazard mitigation plan with input from the appropriate local and state officials,

WHEREAS, the North Carolina Division of Emergency Management and the Federal Emergency Management Agency have reviewed the Robeson County Hazard Mitigation Plan for legislative compliance and has approved the plan pending the completion of local adoption procedures,

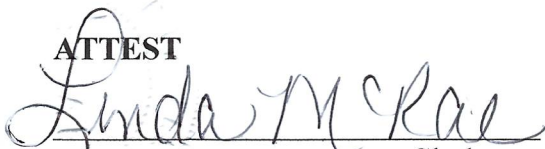
NOW, THEREFORE, BE IT RESOLVED that the Town of Rennert of Robeson County hereby

1. Adopts the Bladen Columbus Robeson Hazard Mitigation Plan, and
2. Agrees to take each other official action as may be reasonably necessary to carry out the proposed actions of the plan

Adopted on 10-19, 2020

  
\_\_\_\_\_  
, Mayor

ATTEST

  
\_\_\_\_\_  
, Clerk

\_\_\_\_\_  
, Chair  
**Robeson County Board of Commissioners**

**RESOLUTION TO ADOPT THE  
BLADEN, COLUMBUS AND ROBESON  
REGIONAL HAZARD MITIGATION PLAN**

WHEREAS, **Town of Rowland** is vulnerable to an array of natural hazards that can cause loss of life and damages to public and private property; and

WHEREAS, **Town of Rowland** desires to seek ways to mitigate situations that may aggravate such circumstances; and

WHEREAS, the development and implementation of a hazard mitigation plan can result in actions that reduce the long-term risk to life and property from natural hazards; and

WHEREAS, it is the intent of the **Town Council** to protect its citizens and property from the effects of natural hazards by preparing and maintaining a local hazard mitigation plan; and

WHEREAS, it is also the intent of the **Town of Rowland Council** to fulfill its obligation under North Carolina General Statutes, Chapter 166A: North Carolina Emergency Management Act and Section 322: Mitigation Planning, of the Robert T. Stafford Disaster Relief and Emergency Assistance Act to remain eligible to receive state and federal assistance in the event of a declared disaster affecting **Robeson County**; and

WHEREAS, **Town of Rowland**, in coordination with the incorporated municipalities in **Robeson County**, has prepared a hazard mitigation plan with input from the appropriate local and state officials;

WHEREAS, the North Carolina Division of Emergency Management and the Federal Emergency Management Agency have reviewed the Robeson County Hazard Mitigation Plan for legislative compliance and has approved the plan pending the completion of local adoption procedures;

NOW, THEREFORE, BE IT RESOLVED that the **Town Council for the Town of Rowland** hereby:

1. Adopts the Bladen Columbus Robeson Hazard Mitigation Plan; and
2. Agrees to take such other official action as may be reasonably necessary to carry out the proposed actions of the Plan.

Adopted on August 11, 2020.

  
\_\_\_\_\_  
Michelle Shooter, Mayor  
Town of Rowland

ATTEST:

  
\_\_\_\_\_  
Town Clerk, Clerk



# Bladen Columbus Robeson Hazard Mitigation Plan

## ADOPTION BY THE LOCAL GOVERNING BODY OF THE TOWN OF EAST ARCADIA

**Requirement § 201.6(c)(5)** *[The local hazard mitigation plan shall include] documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval of the plan (e.g., City Council, County Commissioner, Tribal Council).*

### RESOLUTION OF ADOPTION

### BLADEN COLUMBUS ROBESON

### HAZARD MITIGATION PLAN

WHEREAS, the citizens and property within [EAST ARCADIA] are subject to the effects of natural hazards that pose threats to lives and cause damage to property, and with the knowledge and experience that certain areas of the county are particularly vulnerable to [natural hazards such as flooding, tornadoes, hurricanes, severe weather, drought, earthquake, wildfires, dam failures]; and

WHEREAS, the County and City desires to seek ways to mitigate the impact of identified hazard risks; and

WHEREAS, the Legislature of the State of North Carolina has in Part 6, Article 21 of Chapter 143; Parts 3, 5, and 8 of Article 19 of Chapter 160A; and Article 8 of Chapter 160A of the North Carolina General Statutes, delegated to local governmental units the responsibility to adopt regulations designed to promote the public health, safety, and general welfare of its citizenry; and

WHEREAS, the Legislature of the State of North Carolina has in Section 1 Part 166A of the North Carolina General Statutes (adopted in Session Law 2001-214 --- Senate Bill 300 effective July 1, 2001), states therein in Item (a) (2) "For a state of disaster proclaimed pursuant to G.S. 166A-6(a) after August 1, 2002, the eligible entity shall have a hazard mitigation plan approved pursuant to the Stafford Act"; and

WHEREAS, Section 322 of the Federal Disaster Mitigation Act of 2000 states that local governments must develop an All-Hazards Mitigation Plan in order to be eligible to receive future Hazard Mitigation Grant Program Funds and other disaster-related assistance funding and that said Plan must be updated and adopted within a five year cycle; and

WHEREAS, the [TOWN OF EAST ARCADIA] has performed a comprehensive review and evaluation of each section of the previously approved Hazard Mitigation Plan and

has updated the said plan as required under regulations at 44 CFR Part 201 and according to guidance issued by the Federal Emergency Management Agency and the North Carolina Division of Emergency Management.

WHEREAS, it is the intent of the [EAST ARCADIA TOWN COUNCIL] to fulfill this obligation in order that the City will be eligible for federal and state assistance in the event that a state of disaster is declared for a hazard event affecting the City;

NOW, therefore, be it resolved that the [EAST ARCADIA TOWN COUNCIL] hereby:

1. Adopts the [Bladen Columbus Robeson Regional Hazard Mitigation Plan]; and
2. Vests [Mayor of the Town of East Arcadia] with the responsibility, authority, and the means to:
  - (a) Inform all concerned parties of this action.
  - (b) Cooperate with Federal, State and local agencies and private firms which undertake to study, survey, map and identify floodplain areas, and cooperate with neighboring communities with respect to management of adjoining floodplain areas in order to prevent exacerbation of existing hazard impacts.
3. Appoints the [Mayor and Town Clerk of the Town of East Arcadia] to assure that the Hazard Mitigation Plan is reviewed annually and every five years as specified in the Plan to assure that the Plan is in compliance with all State and Federal regulations and that any needed revisions or amendments to the Plan are developed and presented to the [EAST ARCADIA TOWN COUNCIL] for consideration.
4. Agrees to take such other official action as may be reasonably necessary to carry out the objectives of the Hazard Mitigation Plan.

Adopted on this day, 8th, February, 2021

By: Carlee Carlee  
Councilman Carlee Carlee

Lillian Graham  
Councilwoman Lillian Graham

Pamela Graham  
Councilwoman Pamela Graham

Rhonda Hall  
Councilwoman Rhonda Hall

Horace Munn  
Councilman Horace Munn

Certified by: Mayor Perry Blanks

SEAL: Perry Blanks

Date: 2/8/21

## **Appendix B: Regulation Checklist**

This appendix to the Bladen Columbus Robeson Regional Hazard Mitigation Plan contains a copy of a completed Regulation Checklist from FEMA's *Local Mitigation Plan Review Tool*. This checklist provides page numbers indicating where in the Plan each element required by FEMA is met. This serves as a final internal review to confirm that the Plan meets Federal requirements.

# APPENDIX B – LOCAL MITIGATION PLAN REVIEW TOOL

The *Local Mitigation Plan Review Tool* demonstrates how the Local Mitigation Plan meets the regulation in 44 CFR §201.6 and offers States and FEMA Mitigation Planners an opportunity to provide feedback to the community.

- The Regulation Checklist provides a summary of FEMA’s evaluation of whether the Plan has addressed all requirements.
- The Plan Assessment identifies the plan’s strengths as well as documents areas for future improvement.
- The Multi-jurisdiction Summary Sheet is an optional worksheet that can be used to document how each jurisdiction met the requirements of each Element of the Plan (Planning Process; Hazard Identification and Risk Assessment; Mitigation Strategy; Plan Review, Evaluation, and Implementation; and Plan Adoption).

The FEMA Mitigation Planner must reference this *Local Mitigation Plan Review Guide* when completing the *Local Mitigation Plan Review Tool*.

<b>Jurisdiction:</b> Bladen County, NC Columbus County, NC Robeson County, NC	<b>Title of Plan:</b> Bladen Columbus Robeson Regional Hazard Mitigation Plan	<b>Date of Plan:</b> March 2020
<b>Local Point of Contact:</b> Mattie Caulder- Robeson Kay Worley- Columbus Nathan Dowless- Bladen	<b>Address:</b> 38 Legend Drive Lumberton, NC 28358	
<b>Title:</b> Emergency Services Directors		
<b>Agency:</b> County Emergency Services		
<b>Phone Number:</b> 910-671-3150	<b>E-Mail:</b> mattie.caulder@co.robeson.nc.us	
<b>State Reviewer:</b> Jacazza L Jones	<b>Title:</b> Hazard Mitigation Planner, NCEM	<b>Date:</b> May 2020; September 2020
<b>FEMA Reviewer:</b> Martin Erbele Edwardine S. Marrone Martin Erbele (Reviewing revisions, adoption resolutions)	<b>Title:</b> Program Analyst NC-FIT-Mitigation Planner Program Analyst	<b>Date:</b> July 14, 2020 August 24, 2020 October 7, 2020
<b>Date Received in FEMA Region IV</b>	6/19/20	
<b>Plan Not Approved</b>	9/1/20	

**APPENDIX B: LOCAL MITIGATION PLAN REVIEW TOOL**

Plan Approvable Pending Adoption	
Plan Approved	10/7/2020

**SECTION 1:  
REGULATION CHECKLIST**

**INSTRUCTIONS:** The Regulation Checklist must be completed by FEMA. The purpose of the Checklist is to identify the location of relevant or applicable content in the Plan by Element/sub-element and to determine if each requirement has been ‘Met’ or ‘Not Met.’ The ‘Required Revisions’ summary at the bottom of each Element must be completed by FEMA to provide a clear explanation of the revisions that are required for plan approval. Required revisions must be explained for each plan sub-element that is ‘Not Met.’ Sub-elements should be referenced in each summary by using the appropriate numbers (A1, B3, etc.), where applicable. Requirements for each Element and sub-element are described in detail in this *Plan Review Guide* in Section 4, Regulation Checklist.

<b>1. REGULATION CHECKLIST</b>		<b>Location in Plan</b> (section and/or page number)	<b>Met</b>	<b>Not Met</b>
<b>Regulation (44 CFR 201.6 Local Mitigation Plans)</b>				
<b>ELEMENT A. PLANNING PROCESS</b>				
A1. Does the Plan document the planning process, including how it was prepared and who was involved in the process for each jurisdiction? (Requirement §201.6(c)(1))	<ul style="list-style-type: none"> <li>a. Sec. 2: Planning Process, Pg. 2-10</li> <li>b. Sec. 1: Introduction, Pg. 2</li> <li>c. Sec. 2: Planning Process, Pg. 2-5</li> <li>d. Sec. 2: Planning Process, Pg. 1-2</li> <li>e. Sec. 2: Planning Process, Pg. 1-10</li> </ul>		X	
	<ul style="list-style-type: none"> <li>a. Sec. 2: Planning Process, Pg. 2-10</li> <li>b. Sec. 1: Introduction, Pg. 5</li> <li>c. Sec. 2: Planning Process, Pg. 2-1 thru 2-6</li> <li>d. Sec. 2: Planning Process, Pg. 2-1 thru 2-6</li> <li>e. Sec. 2: Planning Process, Pg. 1-10</li> </ul>			
A2. Does the Plan 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 interests to be involved in the planning process? (Requirement §201.6(b)(2))	<ul style="list-style-type: none"> <li>a. Sec. 2: Planning Process, Pg. 2-10</li> <li>b. Sec. 2: Planning Process, Pg. 2-5</li> <li>c. Sec. 2: Planning Process, Pg. 2,9</li> </ul>		X	
	<ul style="list-style-type: none"> <li>a. Sec. 2: Planning Process, Pg. 2-10</li> <li>b. Sec. 2: Planning Process, Pg. 2-5</li> <li>c. Sec. 2: Planning Process, Pg. 2-3; 8-,9</li> </ul>			
A3. Does the Plan document how the public was involved in the planning process during the drafting stage? (Requirement §201.6(b)(1))	<ul style="list-style-type: none"> <li>a. Sec. 2: Planning Process, Pg. 7-10</li> <li>b. Sec. 2: Planning Process, Pg. 7-10</li> </ul>		X	
	<ul style="list-style-type: none"> <li>a. Sec. 2: Planning Process, Pg. 7-10; Appendix D, Public Survey Appendix F</li> <li>b. Sec. 2: Planning Process, Pg. 7-10; Appendix D, Public Survey Appendix F</li> </ul>			



**APPENDIX B: LOCAL MITIGATION PLAN REVIEW TOOL**

<b>1. REGULATION CHECKLIST</b>		<b>Location in Plan (section and/or page number)</b>	<b>Met</b>	<b>Not Met</b>
<b>Regulation (44 CFR 201.6 Local Mitigation Plans)</b>				
<p>A4. Does the Plan describe the review and incorporation of existing plans, studies, reports, and technical information? (Requirement §201.6(b)(3))</p>	<ul style="list-style-type: none"> <li>a. Sec. 2: Planning Process, Pg. 9; Sec. 7: Capability Assessment, Pg. 1, 7-25; Sec. 8: Mitigation Strategy, Pg. 2</li> <li>b. Sec. 2 Planning Process, Pg. 9; Sec. 7: Capability Assessment, Pg. 1, Sec. 8: Mitigation Strategy, Pg. 2</li>   <li>a. Sec. 2: Planning Process, Pg. 9; Sec. 7: Capability Assessment, Pg. 1, 7-25; Sec. 8: Mitigation Strategy, Pg. 2</li> <li>b. Sec. 2 Planning Process, Pg. 9; Sec. 7: Capability Assessment, Pg. 1, Sec. 8: Mitigation Strategy, Pg. 2</li> </ul>	<p>X</p>		
<p>A5. Is there discussion of how the community(ies) will continue public participation in the plan maintenance process? (Requirement §201.6(c)(4)(iii))</p>	<ul style="list-style-type: none"> <li>a. Sec. 10: Plan Maintenance, Pg. 4</li>   <li>a. Sec. 10: Plan Maintenance, Pg. 4</li> </ul>	<p>X</p>		
<p>A6. Is there a description of the method and schedule for keeping the plan current (monitoring, evaluating and updating the mitigation plan within a 5-year cycle)? (Requirement §201.6(c)(4)(i))</p>	<ul style="list-style-type: none"> <li>a. Sec. 10: Plan Maintenance, Pg. 3-4</li> <li>b. Sec. 10: Plan Maintenance, Pg. 4</li> <li>c. Sec. 10: Plan Maintenance, Pg. 4</li> <li>d. Sec. 10: Plan Maintenance, Pg. 3-4</li>   <li>a. Sec. 10: Plan Maintenance, Pg. 3-4</li> <li>b. Sec. 10: Plan Maintenance, Pg. 4</li> <li>c. Sec. 10: Plan Maintenance, Pg. 4</li> <li>d. Sec. 10: Plan Maintenance, Pg. 3-4</li> </ul>	<p>X</p>		

1. REGULATION CHECKLIST	Location in Plan (section and/or page number)	Met	Not Met
<b>Regulation (44 CFR 201.6 Local Mitigation Plans)</b>			
<b>ELEMENT A: REQUIRED REVISIONS</b>			
A1. NCEM 1 <sup>st</sup> review: no revisions identified			
A2. NCEM 1 <sup>st</sup> review: no revisions identified			
A3. NCEM 1 <sup>st</sup> review: no revisions identified			
A4. NCEM 1 <sup>st</sup> review: no revisions identified			
A5. NCEM 1 <sup>st</sup> review: no revisions identified			
A6. NCEM 1 <sup>st</sup> review: no revisions identified			
<p>A1: It is not clear how the communities of, Clarkton, East Arcadia, Elizabethtown, Tar Heel (Bladen Co), as well as Boardman (Columbus Co) participated in the planning process or who represented these communities. No representatives are listed, noted as alternatively participated, or appear within the copies of sign in sheets. Please address who participated from, or represented (such as the county), these jurisdictions and how they were involved in the planning process.</p> <p>Please see Tasks 2 and 3 in the FEMA Local Mitigation Planning Handbook, dated March 2013 and Element A1 in the FEMA Plan Review Guide, Dated October 1, 2011 for additional information.</p> <p>In particular, the towns of Bladenboro, Bolton, Boardman, Clarkton, Dublin, East Arcadia, Elizabethtown, Lumber Bridge, Marietta, McDonald, Orrum, Parkton, Pembroke, Proctorville, Raynham, Red Springs, Rennert, Rowland, St. Paul, Tar Heel, White Lake, City of Tabor participated in the planning process through emails and phone conversations and in direct contact with Bladen Columbus and Robeson Counties. Also, these jurisdictions were provided planning process materials during the planning process.</p> <p>Revisions to plan are acceptable.</p>			
<b>ELEMENT B. HAZARD IDENTIFICATION AND RISK ASSESSMENT</b>			

**APPENDIX B: LOCAL MITIGATION PLAN REVIEW TOOL**

B1. Does the Plan include a description of the type, location, and extent of all natural hazards that can affect each jurisdiction(s)? (Requirement §201.6(c)(2)(i))

a. Sec. 4: Hazard Identification, Pg. 3-4; Sec. 5: Hazard Profiles, Pg. 1-292

Hazard Type	Description
Dam/Levee Failure	7-9
Drought	16-18
Earthquake	26-27
Hurricane Winds	39-43
Flooding	54-103
Severe Weather	149-151
Tornado	191-192
Wildfire	210-211
Winter Storm	251-252

b. Sec. 4: Hazard Identification, Pg. 3-4

c. Sec. 5: Hazard Profiles, Pg. 1-292

Hazard Type	Location	Extent
Dam/Levee Failure	10-13	13
Drought	18-22	23
Earthquake	27-33	34
Hurricane Winds	43-47	48
Flooding	103-134	135-136
Severe Weather	149-160	163-164
Tornado	192-196	197
Wildfire	211-248	249
Winter Storm	253-288	289

d. Sec. 4: Hazard Identification, Pg. 3-4

a. Sec. 4: Hazard Identification, Pg. 3-4; Sec. 5: Hazard Profiles, Pg. 1-292

Hazard Type	Description
Dam/Levee Failure	7-9
Drought	16-18
Earthquake	26-27
Hurricane Winds	39-43
Flooding	54-103
Severe Weather	149-151
Tornado	191-192
Wildfire	210-211
Winter Storm	251-252

b, Sec. 4: Hazard Identification, Pg. 3-4;

c, Sec. 5: Hazard Profiles, Pg. 1-292

Hazard Type	Location	Extent
Dam/Levee Failure	10-13	13
Drought	18-22	23
Earthquake	27-33	34
Hurricane Winds	43-47	48
Flooding	103-134	135-138; 151-152
Severe Weather	149-160	163-164
Tornado	192-196	197
Wildfire	211-248	253-254
Winter Storm	253-288	289

X

1. REGULATION CHECKLIST Regulation (44 CFR 201.6 Local Mitigation Plans)	Location in Plan (section and/or page number)	Met	Not Met																																																												
	D, Sec. 4: Hazard Identification, Pg. 3-4																																																														
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**APPENDIX B: LOCAL MITIGATION PLAN REVIEW TOOL**

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<p>B3. Is there a description of each identified hazard’s impact on the community as well as an overall summary of the community’s vulnerability for each jurisdiction? (Requirement §201.6(c)(2)(ii))</p>	<p>a. Sec. 5: Hazard Profiles IMPACT, Pg. 1-292</p> <p>b. Sec. 6: Vulnerability Assessment</p> <table border="1"> <thead> <tr> <th>Hazard Type</th> <th>Hazard’s Impact</th> <th>Vulnerability (Section 6)</th> </tr> </thead> <tbody> <tr> <td>Dam/Levee Failure</td> <td>15-16</td> <td>13-17</td> </tr> <tr> <td>Drought</td> <td>25</td> <td>17</td> </tr> <tr> <td>Earthquake</td> <td>38-39</td> <td>17-144</td> </tr> <tr> <td>Hurricane Winds</td> <td>53</td> <td>144-235</td> </tr> <tr> <td>Flooding</td> <td>147-148</td> <td>235-249</td> </tr> <tr> <td>Severe Weather</td> <td>189-190</td> <td>250-409</td> </tr> <tr> <td>Tornado</td> <td>209-210</td> <td>409-508</td> </tr> <tr> <td>Wildfire</td> <td>251</td> <td>509-536</td> </tr> <tr> <td>Winter Storm</td> <td>293</td> <td>536-537</td> </tr> </tbody> </table>	Hazard Type	Hazard’s Impact	Vulnerability (Section 6)	Dam/Levee Failure	15-16	13-17	Drought	25	17	Earthquake	38-39	17-144	Hurricane Winds	53	144-235	Flooding	147-148	235-249	Severe Weather	189-190	250-409	Tornado	209-210	409-508	Wildfire	251	509-536	Winter Storm	293	536-537	<p>a. Sec. 5: Hazard Profiles IMPACT, Pg. 1-292</p> <p>b. Sec. 6: Vulnerability Assessment</p> <table border="1"> <thead> <tr> <th>Hazard Type</th> <th>Hazard’s Impact</th> <th>Vulnerability (Section 6)</th> </tr> </thead> <tbody> <tr> <td>Dam/Levee Failure</td> <td>15-16</td> <td>13-17</td> </tr> <tr> <td>Drought</td> <td>25</td> <td>17</td> </tr> <tr> <td>Earthquake</td> <td>38-39</td> <td>17-144</td> </tr> <tr> <td>Hurricane Winds</td> <td>53</td> <td>144-235</td> </tr> <tr> <td>Flooding</td> <td>147-148</td> <td>235-249</td> </tr> <tr> <td>Severe Weather</td> <td>189-190</td> <td>250-409</td> </tr> <tr> <td>Tornado</td> <td>209-210</td> <td>409-508</td> </tr> <tr> <td>Wildfire</td> <td>251</td> <td>509-536</td> </tr> <tr> <td>Winter Storm</td> <td>293</td> <td>536-537</td> </tr> </tbody> </table>	Hazard Type	Hazard’s Impact	Vulnerability (Section 6)	Dam/Levee Failure	15-16	13-17	Drought	25	17	Earthquake	38-39	17-144	Hurricane Winds	53	144-235	Flooding	147-148	235-249	Severe Weather	189-190	250-409	Tornado	209-210	409-508	Wildfire	251	509-536	Winter Storm	293	536-537	<p>X</p>	
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<p>B4. Does the Plan address NFIP insured structures within the jurisdiction that have been repetitively damaged by floods? (Requirement §201.6(c)(2)(ii))</p>	<p>a. Sec. 5: Hazard Profiles, Pg. 146</p> <p>a. Sec. 5: Hazard Profiles, Pg. 5-148-149</p>	<p>X</p>																																																														



**ELEMENT B: REQUIRED REVISIONS**

**B1. NCEM 1<sup>st</sup> review:** Summary table of Seismic Activity on 5-35 and 36 lists incorrect communities for Bladen/Columbus/Robeson region {Iredell/Rowan participating jurisdictions are included in error}.

**Table 0-1: Summary of Seismic Activity in the Region**

Location	Number of Occurrences	Greatest MMI Reported	Richter Scale Equivalent
<b>Bladen County</b>	<b>2</b>	<b>II</b>	<b>--</b>
Bladenboro	0	0	0
Clarkton	0	0	0
Dublin	0	0	0
East Acardia	0	0	0
Elizabethtown	2	II	0
Tarheel	0	0	0
White Lake	0	0	0
Unincorporated Area	0	0	0
<b>Columbus County</b>	<b>10</b>	<b>VI</b>	<b>--</b>
Boardman	0	0	0
Bolton	4	III	--
Brunswick	1	IV	4.7
Cerro Gordo	1	IV	4.5
Chadbourn	0	0	0
Fair Bluff	2	VI	0
Lake Waccamaw	1	IV	4.7
Sandyfield	0	0	0
Tabor	0	0	0
Whiteville	1	IV	4.5
Unincorporated Area	0	0	0
<b>Robeson County</b>	<b>2</b>	<b>III</b>	<b>4.5</b>
Fairmount	0	0	0
Lumberton	0	0	0
Lumberbridge	0	0	0
Marietta	0	0	0
Maxton	0	0	0

McDonald	0	0	0
Orrum	0	0	0
Parkton	0	0	0
Pembroke	0	0	0
Proctorville	0	0	0
Raynham	0	0	0
Red Spring	1	III	--
Rennert	0	0	0
Rowland	1	III	4.5
St. Pauls	0	0	0
Unincorporated Area	0	0	0
<b>Total</b>	<b>14</b>		

Hurricane Extent for Robeson County on 5-47 is confusing and seems to conflict. Was Hurricane Matthew in October 2016 not the most recent, versus Ana that's referenced? Is the difference *direct* path of the storm? This was an issue of direct path versus greatest winds...agreed it's confusing. We will go ahead and delete the reference since it doesn't add clarity.

Incorrect reference to coordinating floodplain figure on page 5-102. Current statement refers to figure 5.12 rather than 5.21 for illustration of the Characteristics of a Floodplain.

### 1.1.1 Flooding and Floodplains

The area adjacent to a channel is the floodplain, as shown in Figure 5.12. A floodplain is flat or nearly flat land adjacent to a stream or river that experiences occasional or periodic flooding. It includes the floodway, which consists of the stream channel and adjacent areas that carry flood flows, and the flood fringe, which are areas covered by the flood, but which do not experience a strong current. Floodplains are made when floodwaters exceed the capacity of the main channel or escape the channel by eroding its banks. When this occurs, sediments (including rocks and debris) are deposited that gradually build up over time to create the floor of the floodplain. Floodplains generally contain unconsolidated sediments, often extending below the bed of the stream.

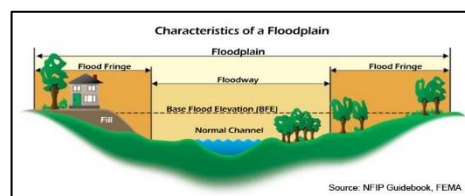
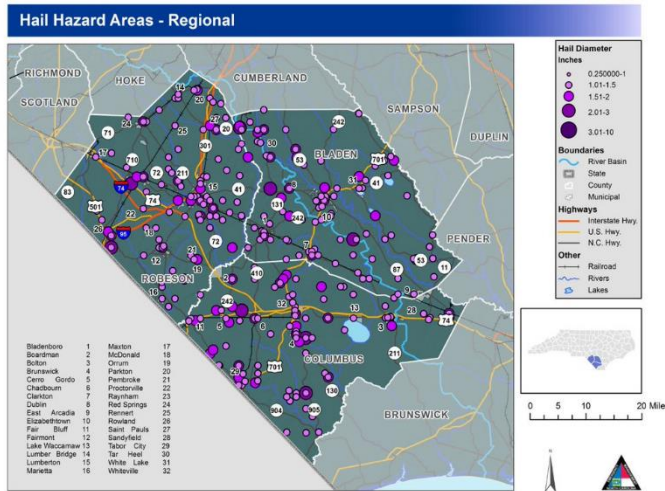


Figure 5.12 – Characteristics of a Floodplain

Regional map for hail {figure 5-54; page 5-152} mislabeled as “Flood Hazard Area”.

Figure 0-1: Hail Hazard Areas - Regional



**B1. NCEM 2<sup>nd</sup> review:** Contractor’s revisions accepted as meeting FEMA criteria, with the exception of Floodplain diagram reference. Emailed Contractor to clarify and advise of needed correction: “...mislabeled in the narrative. The paragraph states: ‘...as shown in figure 5.12.’ but that illustration is actually a regional earthquake hazard map. Figure 5.21 on page 5-54 is the diagram that shows the floodplain.”

**B1. NCEM 3<sup>rd</sup> review:** Referenced floodplain diagram revisions still have not been addressed.

**B2. NCEM 1<sup>st</sup> review:** The categories on 5-1 providing a definition of descriptors for probability are specific to flood. Since several other natural hazards are identified in the plan overall, can the preceding sentence be revised to read: “...likelihood of future flood occurrences, for example, is categorized into one of the classifications...”.

**Probability of Future Occurrence**

This section gauges the likelihood of future occurrences based on past events and existing data. The definition of each category differs for each hazard to provide a more specific likelihood for each hazard. The likelihood of future flood occurrences, for example, is categorized into one of the classifications:

- Definitions for Descriptors Used for Probability of Future Hazard Occurrences
  - Low: Less Than 1% Of Buildings Are In 100-Year Floodplain
  - Medium: Between 1% And 10% Of Buildings Are In 100-Year Floodplain
  - High: More Than 10% Of Buildings Are In 100-Year Floodplain

Robeson County drought map on 5-22 doesn’t appear to have any of the shaded drought indicator areas, but is noted in the narrative and figure on 5-23 as having experienced drought in all of the last 20 years.

There was no drought occurrence for Robeson in 2020. Been revised to read 19 years. According to the North Carolina Drought Monitor, all three counties and all jurisdictions in the planning area in the Region had drought occurrences (including abnormally dry) in the last 19 years (2000-2019) (Error! Reference source not found.)

Towns of Fair Bluff and Lake Waccamaw in Columbus County both have no recorded historical occurrences of flooding {table 5-14} but are documented as having a high probability of future river flooding {unlabeled

table on page 5-146}. After reviewing NC FRIS and FIMAN both jurisdictions appear to be located in areas that would be significantly impacted in the instance of a moderate (or worse) flooding event. Do they not have any reported occurrences of flooding or claims filed? **Not according to NCDC. The Hurricane Matthew Resilient Redevelopment Plan proposed that Lake Waccamaw install flood gauges: [https://files.nc.gov/rebuildnc/documents/matthew/rebuildnc\\_columbus\\_plan\\_combined.pdf](https://files.nc.gov/rebuildnc/documents/matthew/rebuildnc_columbus_plan_combined.pdf) . <https://www.weather.gov/ilm/HurricaneFlorence> .**

**B2.** NCEM 2<sup>nd</sup> review: Contractor’s revisions accepted as meeting FEMA criteria

**B3.** NCEM 1<sup>st</sup> review: no revisions identified

**B4.** NCEM 1<sup>st</sup> review: no revisions identified

**\*Sub-Elements B1-B3 reviewed and noted on Hazard Profile tab of supplemental Excel spreadsheet. Each hazard feature {extent, previous occurrences, probability and impact} deemed as ‘met’. JLJ**

**FEMA Review**

**B1c:** (Extent for hazards of wildfire and flooding) The plan does not describe the extent or strength/magnitude expected, planned for, or observed for any individual jurisdiction for flooding and wildfire.

- *Wildfire:* Maps within the plan provide the location of greatest wildfire risk for each jurisdiction, but there is no narrative or table stating the maximum size fire each community is planning for or has/could experience. Due to the number of jurisdictions, the plan might consider grouping some jurisdictions and provide a shared maximum wildfire extent based on similar conditions if the planning committee so chooses. There is a reference to Table 6-431 which is not in the plan. Appendix H CWPP was not included in documents submitted for review. Appendix H may have wildfire extent information, however, due to not being available for review could not validate any information.

**5.8.3 Extent:** The average size of wildfires in the Region is typically small. Wildfire data was provided by the North Carolina Division of Forest Resources through Community Wildfire Protection Plans (Included in Appendix H) and is reported annually by county. The table below lists the number of acres burned per county due to wildfires. For more information on extent for each jurisdiction see Table 6-341 in Section 6 Vulnerability Assessment.

Jurisdiction	Acres Burned
Bladen County (Unincorporated Area)	No data available
Town of Bladenboro	No data available
Town of Clarkton	No data available
Town of Dublin	No data available
Town of East Arcadia	No data available
Town of Elizabethtown	No data available

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Town of Tar Heel	No data available
Town of White Lake	550
Bladen County	550
City of Whiteville	No data available
Columbus County (Unincorporated Area)	No data available
Town of Boardman	No data available
Town of Bolton	No data available
Town of Brunswick	No data available
Town of Cerro Gordo	No data available
Town of Chadbourn	No data available
Town of Fair Bluff	No data available
Town of Lake Waccamaw	No data available
Town of Sandyfield	No data available
Town of Tabor City	No data available
Columbus County	No data available
Robeson County (Unincorporated area)	No data available
City of Lumberton	No data available
Town of Fairmont	No data available
Town of Lumber Bridge	No data available
Town of Marietta	No data available
Town of Maxton	No data available
Town of McDonald	No data available
Town of Orrum	No data available
Town of Parkton	No data available
Town of Pembroke	No data available
Town of Proctorville	No data available
Town of Raynham	No data available
Town of Red Springs	No data available
Town of Rennert	No data available
Town of Rowland	No data available
Town of Saint Pauls	200



Robeson County	200
Sources: <a href="https://www.robsonian.com/news/96516/fires-torch-200-acres-near-st-pauls">https://www.robsonian.com/news/96516/fires-torch-200-acres-near-st-pauls</a> and <a href="https://www.newsobserver.com/news/local/article207925094.html">https://www.newsobserver.com/news/local/article207925094.html</a>	
<p>Revisions include two record setting wildfire events satisfying extent for the region, since wildfire risk and impacts are generally similar across the region. Stated Appendix H with community wildfire plans is still missing from revisions. Revisions acceptable.</p>	
<ul style="list-style-type: none"> <li>• <i>Flooding:</i> The hazard requires a jurisdiction specific extent value, likely in the form of flooding depths expected. The plan includes a table beginning on page 5-135 displaying the peak streamflow or highest BFE for each community according to the FIRM panels (several communities are given a NA value) but this doesn't provide the reader with a clear understanding of the level of flooding risk they might experience in their own community. The FEMA RIV Team shared guidance in February 2020 stating that flood extent must be provided for each community and "copying technical data...without context does not meet the requirements alone." Potential sources of information include:                     <ul style="list-style-type: none"> <li>• <i>Depth grids from Risk MAP studies.</i></li> <li>• <i>Ground elevation subtracted from Base Flood Elevations (BFEs).</i></li> <li>• <i>Some river gauges include impact information with depths: "When the Leaf River reaches moderate flood stage (24 feet), we have 1 to 4 feet of backwater flooding street and local roadways and water under low-lying structures."</i></li> <li>• <i>The event narratives in NOAA's National Centers for Environmental Information (NCEI) sometimes include flooding depths: "Water up to the cash registers in the Dollar Store."</i></li> <li>• <i>Flood profiles in the Flood Insurance Study (FIS) for communities mapped with BFEs show predicted depth of water over bridges.</i></li> <li>• <i>Recollections of first responders.</i></li> </ul> </li> </ul>	
<p>See element B1 in the FEMA Local Mitigation Plan Review Guide dated October 1, 2011 or Task 5 in the FEMA Local Mitigation Planning Handbook, dated March 2013 for more information.</p>	
<p><b>B1c Flooding:</b></p>	
<p><b>Built Environment</b></p>	
<p>Residential, commercial, and public buildings, as well as critical infrastructure such as transportation, water, energy, and communication systems may be damaged or destroyed by flood waters. According to NCEI, 93 recorded instances of River Flooding conditions have affected the Region since 2008 to 2019 causing an estimated \$12,695,000 in losses to property. For a detailed analysis of properties at risk to flooding, see Chapter 6 Vulnerability Assessment.</p>	
<p>Following Hurricane Matthew, the Dublin Fire Department and other areas of the town flooded. It was noted that farm fields resembled lakes, and roadways became rivers and streams. Source: <a href="https://bladenonline.com/hurricane-matthew-causing-flooding-throughout-bladen-county/">https://bladenonline.com/hurricane-matthew-causing-flooding-throughout-bladen-county/</a></p>	
<p>According to the Hurricane Matthew Resilient Development Plan, the U.S. Geological Survey (USGS) rain gauge (USGS Station 02105500) at Cape Fear River near Tar Heel recorded a total of 16.87 inches of rain between October 7 and October 9, 2016.</p>	

In Brunswick County Hurricane Florence caused flooding to reach windows on the first floor of homes in Leland. Source: <https://www.wral.com/brunswick-county-residents-struggle-to-recover-from-hurricane-florence-/17990236>

Two men died from Clarkton during Hurricane Matthew when their vehicle was submerged in flood waters near Rosendale Road. Source: <https://www.cbs17.com/news/2-die-in-submerged-vehicle-in-nc-as-hurricane-matthew-impacts-state/>

*AECOM- Last column was formatted with wrong color text.*

**Table 0-2: USGS Peak River Stage Data**

Community	Flood Extent (Peak streamflow or Highest BFE) & NRI Flood Risk Index	Source (National Risk Index is a source for all)	Anecdotal recollections of first responders and public works engineers
<b>Bladen</b>			
Bladen County	140.3 ft	FIRM Panel 3720038400J	Less than 1ft of backwater flooding street and local roadways
Bladenboro	115.4 ft	FIRM Panel 3720026900J	Less than a half foot of backwater flooding street and local roadways
Clarkton	No BFE's	N/A	Less than a half foot of backwater flooding street and local roadways
Dublin	No BFE's	N/A	Less than 1foot of backwater flooding street and local roadways
East Arcadia	43.7 ft	FIRM Panel 3720220200L	Between 2-4 feet of backwater flooding street and local roadways
Elizabethtown	120.4 ft	FIRM Panel 3720130000J	Less than 1-2 feet of backwater flooding street and local roadways
Tar Heel	No BFE's	N/A	Less than a half foot of backwater flooding street and local roadways

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White Lake	55.4 ft	FIRM Panel 3720136200J	Less than 1 foot of backwater flooding street and local roadways
<b>Columbus</b>			
Columbus County	104.2 ft	FIRM Panel 3720012600J	Less than 1 foot of backwater flooding street and local roadways
Boardman	84.2 ft	FIRM Panel 3720021500L	Less than a half foot of backwater flooding street and local roadways
Bolton	No BFE's	N/A	Less than a half foot of backwater flooding street and local roadways
Brunswick	No BFE's	N/A	Less than a half foot of backwater flooding street and local roadways
Cerro Gordo	83.3 ft	FIRM Panel 3720022000K	Less than 1 foot of backwater flooding street and local roadways
Chadbourn	90 ft	FIRM Panel 3720024000J	Less than 1 foot of backwater flooding street and local roadways
Fair Bluff	65.8 ft	FIRM Panel 3710929000K	Less than 1 foot of backwater flooding street and local roadways
Lake Waccamaw	54 ft	FIRM Panel 3720125100J	Less than 1 foot of backwater flooding street and local roadways
Sandyfield	46.2 ft	FIRM Panel 3720220200L	Less than a half foot of backwater flooding street and local roadways
Tabor City	91.4 ft	FIRM Panel 3720012400K	Less than 1 foot of backwater flooding street and local roadways

**APPENDIX B: LOCAL MITIGATION PLAN REVIEW TOOL**

Whiteville	77.7 ft	FIRM Panel 3720029100K	Less than 1 foot of backwater flooding street and local roadways
<b>Robeson</b>			
Robeson County	218.9 ft	FIRM Panel 3710930800K	Between 3-4 feet of backwater flooding street and local roadways
Fairmont	126.8 ft	FIRM Panel 3710926700J	Between 3 feet of backwater flooding street and local roadways
Lumber Bridge	182.1 ft	FIRM Panel 3710946000K	Between 1-2 feet of backwater flooding street and local roadways
Lumberton	140.8 ft	FIRM Panel 3710939400K	Between 1-2 feet of backwater flooding street and local roadways
Marietta	80.1 ft	FIRM Panel 3710926200K	Less than 1 foot of backwater flooding street and local roadways
Maxton	189.7 ft	FIRM Panel 3710838400K	Between 2-3 feet of backwater flooding street and local roadways
McDonald	133.2 ft	FIRM Panel 3710924800J	Between 1-2 feet of backwater flooding street and local roadways
Orrum	101.2 ft	FIRM Panel 3710928600J	Between 1-2 feet of backwater flooding street and local roadways
Parkton	178.6 ft	FIRM Panel 3710949200J	Between 2-3 feet of backwater flooding street and local roadways
Pembroke	170.6 ft	FIRM Panel 3710934400K	Between 1-2 feet of backwater flooding street and local roadways

**APPENDIX B: LOCAL MITIGATION PLAN REVIEW TOOL**

Proctorville	101.2 ft	FIRM Panel 3710928600J	Between 1-2 feet of backwater flooding street and local roadways
Raynham	No BFE's	N/A	Less than a half foot of backwater flooding street and local roadways
Red Springs	203.9 ft	FIRM Panel 3710934800K	Between 2-3 feet of backwater flooding street and local roadways
Rennert	184.8 ft	FIRM Panel 3710936800J	Between 2-3 feet of backwater flooding street and local roadways
Rowland	128.8 ft	FIRM Panel 3710920800J	Between 2-3 feet of backwater flooding street and local roadways
Saint Pauls	157.9 ft	FIRM Panel 3710938800J	Between 1-2 feet of backwater flooding street and local roadways
Shannon	No BFE's	N/A	Less than a half foot of backwater flooding street and local roadways

Revisions acceptable for flood extent. Section 5.5.4 in plan and pg. 5-151 and 5-152

**B2b:** Probability: Probability for *flooding and dam/levee failure* is based off the number of buildings in the floodplain, a factor more appropriate for vulnerability discussions, not an annual chance of a hazard event occurring in each jurisdiction.

*Earthquake* probability includes a table with a 500year event earthquake chance on page 5-37, but in the text, the statement reads there is less than a 1% chance of an earthquake within 50km. These differences should be clarified or put into their respective context.

Probability for the entire region, for each hazard, is calculated with a traditional annual probability chance on Page 6-538, and all other hazards also have an annualized percentage chance figure. Please adjust probability for hazards of flooding and dam/levee failure and clarify earthquake figures across multiple analyses.

Concur with required revisions.



See element B2 in the FEMA Local Mitigation Plan Review Guide dated October 1, 2011 or Task 5 in the FEMA Local Mitigation Planning Handbook, dated March 2013 for more information.

**FLOOD**

Based on the analyses performed in IRISK, the probability of future River Flooding is shown in the table below, by jurisdiction.

Definitions for Descriptors Used for Probability of Future Hazard Occurrences

- Low: Less than 1% annual probability
- Medium: Between 1% and 10% annual probability
- High: Greater than 10% annual probability

**DAM/LEVEE FAILURE**

Based on the analyses performed in IRISK, the probability of future Dam Failure is shown in the table below, by jurisdiction.

Definitions for Descriptors Used for Probability of Future Hazard Occurrences

- Low: Less than 1% annual probability
- Medium: Between 1% and 10% annual probability
- High: Greater than 10% annual probability

Revisions acceptable for flood and dam/levee failure probability. Section 5.5.7 and 5.1.4 in plan.

**B2a, B2c:** Previous Occurrences: No dam or levee failure events are noted, and the levee section includes only one sentence related to floodwaters ‘circumventing the Lumberton levee’ during Matthew only. Flooding from recent hurricanes was record setting in many parts of the state and the location/effect of the levee seems significant to discuss even though flood control structure didn’t necessarily ‘fail’. Note, Florence is minimally noted in the NDCD table on 4-3, but is not profiled as a significant event in the hazard analysis. Matthew is only slightly described, include additional detail to meet this requirement. Per the plan review tool, “Plan updates must include hazard events that have occurred since the last plan was developed.”

See Task 5 in the Local Mitigation Planning Handbook, dated March 2013 for more information.

Concur with required revisions.

**DAM/LEVEE FAILURE**

**Past Occurrences**

Floodwaters did circumvent the Lumberton Levee during the October 2016 Hurricane Matthew event. The White Oak Dike also experienced failure days after catastrophic rainfall from Hurricane Florence (2018).

**HURRICANE**

- **September 14, 2018** - Hurricane Florence began as a tropical storm September 1<sup>st</sup> over the Cape Verde islands off the coast of West Africa. It peaked as a Category 4 hurricane with sustained winds of 140 mph. It made landfall as a Category 1 hurricane the morning of Friday, September 14 over Wrightsville Beach, North Carolina. Florence produced extensive wind damage along the North Carolina coast from Cape Lookout, across Carteret, Onslow, Pender, and New Hanover Counties. Thousands of downed trees caused widespread power outages to nearly all of eastern North Carolina. The historic legacy of Hurricane Florence will be record breaking storm surge of 9 to 14 feet devastating rainfall of 20 to 30 inches, which produced catastrophic and life-threatening flooding.
- **October 11, 2018** - Michael originated as a Category 5 hurricane that came up the Gulf of Mexico and first hit land around the Florida/Georgia border. Tropical storm Michael gradually weakened as it tracked from the South Carolina Midlands through portions of the South Carolina and North Carolina Piedmont throughout the 11th. Gusty winds increased during the daylight hours on the east side of the storm track, with numerous trees blown, especially across the Piedmont. Flooding continued east for days after the storm hit. Davidson and Randolph counties were included in the Presidential Disaster Declaration. Hurricane Michael caused multiple flash flooding events and multiple power outages in the region due to high winds.

All revisions acceptable to address previous occurrences. Section 5.1.4 in plan for dam/levee failure and 5.4.3 for hurricanes.

**B3b: Vulnerability:** Most hazards have either 0% or 100% of the population or buildings exposed to each hazard with long tables of data estimating damages. There is no community specific discussion about risk differences for residents, businesses, or other factors that would allow an average reader to understand if their community is more or less vulnerable to specific events, has unique populations, etc. While problem statements or other narratives aren't required to meet the element, the many tables of data do not provide a jurisdiction specific view of what each community is concerned about or any unique attributes. For example, despite the plan specifically noting the location of major dams and the Lumberton levee, there is no population listed as vulnerable or at risk for either hazard. Drought is minimally met due to a discussion of reduced regional agriculture dependency and wildfire potential damage tables are more jurisdiction specific based on state Forestry Service data. Flooding vulnerability could be met using the existing percentages of buildings in the floodplain and pre/post FIRM construction with a substantiating explanation. All other hazards require some community specific discussion on vulnerability.

Per the plan review tool, *"Vulnerable assets and potential losses is more than a list of the total exposure of population, structures, and critical facilities in the planning area. An example of an overall summary is a list of key issues or problem statements that clearly describes the community's greatest vulnerabilities and that will be addressed in the mitigation strategy."*

See Task 5 in the Local Mitigation Planning Handbook, dated March 2013 for more information. And also see the Region IV Vulnerability Job Aid dated February 2020 for examples and suggestions for developing vulnerability discussions for each community.

Concur with required revisions with modification of statement.

**B3b Response:** Examples of vulnerability for each jurisdiction were provided under each hazard’s consequence and analysis impact section.

Revisions acceptable, original revision requirement changed to a comment still encouraging more jurisdiction specific vulnerability discussions in future updates.

**B4:** The element asks to address “... **each jurisdiction**...repetitively damaged by floods” but the plan only includes summarized data of the three counties on Section 5, Pg. 146, with data taken from the State Plan approved in April 2018. Please revise to include the repetitive loss information of each community as of a more current date.

Please see Task 5 in the Local Mitigation Planning Handbook dated March 2013 or the FEMA Plan Review Guide dated October 1, 2011 for more information.

Concur with required revision.

**B4 Response:** Repetitive loss source provided in Task 5 in the Local Mitigation Planning Handbook (page 5-16) links to "page not found": <http://nfipiservice.com/pdf/October%25202012/splashscreen.pdf>.

Repetitive loss properties updated using the FEMA Community Status Book Report:

Jurisdiction	Residential Repetitive Loss Count	Commercial Repetitive Loss Count	Total Repetitive Loss Count*
Bladen County (Unincorporated Area)	0	0	0
Town of Bladenboro	1	0	0
Town of Clarkton	0	0	0
Town of Dublin	0	0	0
Town of East Arcadia	0	0	0
Town of Elizabethtown	1	0	0
Town of Tar Heel	0	0	0
Town of White Lake	0	0	0
Bladen County	2	1	3
City of Whiteville	11	1	0
Columbus County (Unincorporated Area)	0	0	0
Town of Boardman	0	0	0
Town of Bolton	0	0	0
Town of Brunswick	0	0	0
Town of Cerro Gordo	0	0	0

**APPENDIX B: LOCAL MITIGATION PLAN REVIEW TOOL**

<b>1. REGULATION CHECKLIST</b>				<b>Location in Plan</b>	<b>Met</b>	<b>Not Met</b>
<b>Regulation (44 CFR 201.6 Local Mitigation Plans)</b>				<b>(section and/or page number)</b>		
	Town of Chadbourn	2	0	0		
	Town of Fair Bluff	0	0	0		
	Town of Lake Waccamaw	9	0	0		
	Town of Sandyfield	0	0	0		
	Town of Tabor City	3	0	0		
	Columbus County	39	1	40		
	Robeson County (Unincorporated area)	0	1	0		
	City of Lumberton	62	2	0		
	Town of Fairmont	0	1	0		
	Town of Lumber Bridge	0	0	0		
	Town of Marietta	0	0	0		
	Town of Maxton	9	0	0		
	Town of McDonald	0	0	0		
	Town of Orrum	1	1	0		
	Town of Parkton	0	0	0		
	Town of Pembroke	6	1	0		
	Town of Proctorville	0	0	0		
	Town of Raynham	0	0	0		
	Town of Red Springs	0	0	0		
	Town of Rennert	0	0	0		
	Town of Rowland	9	1	0		
	Town of Saint Pauls	1	0	0		
	Robeson County	88	7	95		

Source: FEMA Community Status Book Report  
 Note: \*County totals may include properties from census designated places.

Revisions acceptable.

**ELEMENT C. MITIGATION STRATEGY**

**APPENDIX B: LOCAL MITIGATION PLAN REVIEW TOOL**

<b>1. REGULATION CHECKLIST</b>		<b>Location in Plan</b> (section and/or page number)	<b>Met</b>	<b>Not Met</b>
<b>Regulation (44 CFR 201.6 Local Mitigation Plans)</b>				
C1. 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? (Requirement §201.6(c)(3))	<ul style="list-style-type: none"> <li>a. Sec. 7: Capability Assessment, Pg.2-25;</li> <li>a. Sec. 7: Capability Assessment, Pg.2-25;</li> </ul>	X		
C2. Does the Plan address each jurisdiction’s participation in the NFIP and continued compliance with NFIP requirements, as appropriate? (Requirement §201.6(c)(3)(ii))	<ul style="list-style-type: none"> <li>a. Sec. 7: Capability Assessment, Pg.11-13; Sec. 8: Mitigation Strategy, Pg. 3; Sec. 9: Mitigation Actions, Pg. 1-11</li> <li>a. Sec. 7: Capability Assessment, Pg.11-13; Sec. 8: Mitigation Strategy, Pg. 3; Sec. 9: Mitigation Actions, Pg. 1-11</li> </ul>	X		
C3. Does the Plan include goals to reduce/avoid long-term vulnerabilities to the identified hazards? (Requirement §201.6(c)(3)(i))	<ul style="list-style-type: none"> <li>a. Sec. 8: Mitigation Strategy, Pg. 3-4</li> <li>b. Sec. 8: Mitigation Strategy, Pg. 3</li> <li>a. Sec. 8: Mitigation Strategy, Pg. 3-4</li> <li>b. Sec. 8: Mitigation Strategy, Pg. 3</li> </ul>	X		
C4. Does the Plan identify and analyze a comprehensive range of specific mitigation actions and projects for each jurisdiction being considered to reduce the effects of hazards, with emphasis on new and existing buildings and infrastructure? (Requirement §201.6(c)(3)(ii))	<ul style="list-style-type: none"> <li>a. Sec. 8: Mitigation Strategy, Pg. 1-2</li> <li>b. Sec. 9: Mitigation Actions, Pg. 1-11</li> <li>c. Sec. 8: Mitigation Strategy, Pg. 2</li> <li>a. Sec. 8: Mitigation Strategy, Pg. 1-2</li> <li>b. Sec. 9: Mitigation Actions, Pg. 1-11</li> <li>c. Sec. 8: Mitigation Strategy, Pg. 2</li> </ul>	X		
C5. Does the Plan contain an action plan that describes how the actions identified will be prioritized (including cost benefit review), implemented, and administered by each jurisdiction? (Requirement §201.6(c)(3)(iv)); (Requirement §201.6(c)(3)(iii))	<ul style="list-style-type: none"> <li>a) Sec. 8: Mitigation Strategy, Pg. 4-5</li> <li>b) Sec. 8: Mitigation Strategy, Pg. 4-5</li> <li>c) Sec. 9: Mitigation Actions, Pg. 1-11</li> <li>a. Sec. 8: Mitigation Strategy, Pg. 4-5</li> <li>b. Sec. 8: Mitigation Strategy, Pg. 4-5</li> <li>c. Sec. 9: Mitigation Actions, Pg. 1-11</li> </ul>	X		
C6. Does the Plan describe a process by which local governments will integrate the requirements of the mitigation plan into other planning mechanisms, such as comprehensive or capital improvement plans, when appropriate? (Requirement §201.6(c)(4)(ii))	<ul style="list-style-type: none"> <li>a) Sec. 7: Capability Assessment, Pg. 2-14</li> <li>b) Sec. 7: Capability Assessment, Pg. 2-14; Sec. 2: Planning Process, Pg. 9</li> <li>c) Sec. 7: Capability Assessment, Pg. 2-14</li> <li>d) Sec. 7: Capability Assessment, Pg. 2-14; Sec. 8: Mitigation Strategy, Pg. 2</li> <li>e) Sec. 10: Plan Maintenance, Pg. 1-2</li> <li>a. Sec. 10: Pg. 1-3</li> <li>b. Sec. 7: Capability Assessment, Pg. 2-14;</li> <li>c. Sec. 10: Pg. 1-3</li> <li>d. Sec. 7: Capability Assessment, Pg. 2-14; Sec. 8: Mitigation Strategy, Pg. 2, Sec. 10: Pg. 1-3</li> <li>e. Sec. 10: Plan Maintenance, Pg. 1-4</li> </ul>	X		



**ELEMENT C: REQUIRED REVISIONS**

**C1.** NCEM 1<sup>st</sup> review: referenced section appears to be incorrect; jurisdictional authorities, policies, programs, resources, etc. were found in the Capability Assessment beginning on 7-1. [Sec. 7: Capability Assessment, Pg.2-25](#)

**C1.** NCEM 2<sup>nd</sup> review: Contractor’s revisions accepted as meeting FEMA criteria

**C2.** NCEM 1<sup>st</sup> review: no revisions identified

**C3.** NCEM 1<sup>st</sup> review: Goal #6 doesn’t appear to have any revisions for Robeson County after comparing Table 1-2 ‘Updates to Existing Goals’ to revised goals listed in Mitigation Strategy on 8-4 and goals included in previous Robeson County plan. [Revised from “county” to “Region”.](#)

**C3.** NCEM 2<sup>nd</sup> review: Contractor’s revisions accepted as meeting FEMA criteria

**C4.** NCEM 1<sup>st</sup> review: Column heading for goals addressed in Table 9-1 references page 141 of the plan; that PDF page number is part of the riverine flooding sources data within the Hazard Profiles. Section 8 of the draft, ‘Mitigation Strategy’, does outline plan goals but does not include 141 pages.

**Table 9-1: New/Updated Mitigation Action Plan**

Project Status	Goal Addressed (see p. 8-4)	Hazards Addressed	Priority
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Columbus County mitigation action 12 has numbers vs words in the Hazards Addressed column, should that information be in the Goals column instead?

C-12	Columbus County, as well as all participating municipal jurisdictions, will coordinate with NCDENR to enforce all NC State Erosion and Sedimentation Control Regulations.	Deferred: No measurable progress has been made due to lack of funding and staffing.	1, 2, 6	Dam/Levee, Flood
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Columbus County mitigation action 22 has “Add Status Here” in all Caps in the Project Status column.

C-22	Columbus County will continue to work with real estate agents to ensure that prospective buyers are educated about development within a flood hazard area.	To Be Continued: Building Inspections works with real estate agents annually.		
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Columbus County mitigation action 23 has “heat” as the hazard addressed but reads as if the intended action is to provide a heat source (i.e. due to power failure during a winter storm event), rather than the climatic incidence of excessive heat. That same action also references goal 4 which, according to the goals on page 8-4 that have been revised or carried forward into this plan cycle, reads: “Effectively expedite post-disaster reconstruction”

C-23	Columbus County will use CDC and FEMA materials to educate the public on heat/safety issues.	Deferred: No measurable progress has been made due to lack of funding and staffing.	5	Extreme Heat
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**C4.** NCEM 2<sup>nd</sup> review: Contractor’s revisions accepted as meeting FEMA criteria

**C5.** NCEM 1<sup>st</sup> review: no revisions identified

**APPENDIX B: LOCAL MITIGATION PLAN REVIEW TOOL**

<b>1. REGULATION CHECKLIST</b>		<b>Location in Plan</b> (section and/or page number)	<b>Met</b>	<b>Not Met</b>
<b>Regulation (44 CFR 201.6 Local Mitigation Plans)</b>				
<b>C6. NCEM 1<sup>st</sup> review: no revisions identified</b>				
<b>**Sub-Element C4 reviewed and noted on Mitigation Actions tab of supplemental Excel spreadsheet. Each participating jurisdiction deemed to have 'met' required number of actions. JJJ</b>				
<p><b>C2, NFIP Participation:</b> Section 7, Pages 11-12 indicate that all communities participate in the NFIP, but several communities do not appear in the Community Status Book, broken out by County below:            (Bladen County) – Dublin and Tarheel (East Arcadia has no mapped SFHA)            (Robeson County) – Raynham            NOTE: Action B2 and B4 for Bladen County only states that Bladenboro, Clarkton, and Elizabethtown participate in the NFIP on Page 9-2.            Please revise/update, and confirm the NFIP status of all communities. The validated information must be consistent throughout the document. For example, a community cannot be stated as nonparticipating in Section 5 and participating in Section 7.</p> <p>Concur with the required revision.</p> <p><b>C2 Response:</b> Removed non-participating communities from Table 7-2 and revised text on page 9-2 to say: "Bladen County, as well as all municipal jurisdictions participating in the NFIP program (Bladen County (unincorporated), Bladenboro, Clarkton, East Arcadia, Elizabethtown, and White Lake)..."</p> <p>Revision acceptable</p>				
<b>ELEMENT D. PLAN REVIEW, EVALUATION, AND IMPLEMENTATION</b> (applicable to plan updates only)				
D1. Was the plan revised to reflect changes in development? (Requirement §201.6(d)(3))	a. Sec. 8: Mitigation Strategy, Pg. 2			
	a. Sec. 8: Mitigation Strategy, Pg. 2		<b>X</b>	
D2. Was the plan revised to reflect progress in local mitigation efforts? (Requirement §201.6(d)(3))	a. Sec. 8: Mitigation Strategy, Pg. 2; Sec. 9: Mitigation Actions, Pg. 1-11			
	a. Sec. 8: Mitigation Strategy, Pg. 2; Sec. 9: Mitigation Actions, Pg. 1-11		<b>X</b>	
D3. Was the plan revised to reflect changes in priorities? (Requirement §201.6(d)(3))	a. Sec. 8: Mitigation Strategy, Pg. 3			
	A. Sec. 8: Mitigation Strategy, Pg. 3		<b>X</b>	
<b><u>ELEMENT D: REQUIRED REVISIONS</u></b>				
<b>D1. NCEM 1<sup>st</sup> review: no revisions identified</b>				
<b>D2. NCEM 1<sup>st</sup> review: no revisions identified</b>				
<b>D3. NCEM 1<sup>st</sup> review: no revisions identified</b>				
<b>ELEMENT E. PLAN ADOPTION</b>				

**APPENDIX B: LOCAL MITIGATION PLAN REVIEW TOOL**

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<b>1. REGULATION CHECKLIST</b>		<b>Location in Plan</b> (section and/or page number)	<b>Met</b>	<b>Not Met</b>
<b>Regulation (44 CFR 201.6 Local Mitigation Plans)</b>				
E1. Does the Plan include documentation that the plan has been formally adopted by the governing body of the jurisdiction requesting approval? (Requirement §201.6(c)(5))	Appendix A (adoption pending FEMA approval)	X		
E2. For multi-jurisdictional plans, has each jurisdiction requesting approval of the plan documented formal plan adoption? (Requirement §201.6(c)(5))	Appendix A (adoption pending FEMA approval)		X	

**ELEMENT E: REQUIRED REVISIONS**

***E2. For multi-jurisdictional plans, has each jurisdiction requesting approval of the plan documented formal plan adoption? (Requirement §201.6(c)(5))***

Not all of the participating jurisdictions have provided documentation of adoption of the updated plan. This requirement will be marked as met following the submittal of documentation.

Required Revisions:

- The plan must include documentation of plan adoption, usually a resolution by the governing body or other authority.
- If adopted after FEMA review, adoption must take place within one calendar year of receipt of FEMA’s “Approvable Pending Adoption”.
- Each jurisdiction that is included in the plan must have its governing body adopt the plan, even when a regional agency has the authority to prepare such plans.

Prior to review completion adoption documentation was provided by: Bladen County, Robeson County

*Additional information can be found in the “Local Mitigation Plan Review Guide”, Element E: Plan Adoption, dated October 1, 2011, Pages 28-29. Also see the Local Mitigation Plan Handbook dated March 2013, Task 8. Links to these documents can be found in Section 3 of this Plan Review Tool.*

*As of 10/7/20 The following jurisdictions have submitted adoption resolutions:*

- **Bladen County, Unincorporated**
- Town of Clarkton
- Town of Elizabethtown
- **Columbus County, Unincorporated**
- Town of Boardman
- Town of Cerro Gordo
- Town of Tabor City
- **Robeson County, Unincorporated**
- Town of Fairmont
- Town of Marietta
- Town of Maxton
- Town of Rowland

*As of 10/14/20 the following jurisdictions have submitted adoption resolutions:*

- Town of St. Pauls
- Town of Raynham
- Town of McDonald

**10/16/20 Adoption Resolutions: Lumberton**

**10/22/20 Adoption Resolutions:**

- **Town of Rennert**
- **Town of Proctorville**
- **Town of Brunswick**

**10/27/20 Adoption Resolutions: Town of Bolton and Town of Sandyfield**

**APPENDIX B: LOCAL MITIGATION PLAN REVIEW TOOL**

1. REGULATION CHECKLIST Regulation (44 CFR 201.6 Local Mitigation Plans)	Location in Plan (section and/or page number)	Met	Not Met
<p>10/28/2020 Adoption Resolutions: Town of Orrum, Town of Lake Waccamaw, Town of Fair Bluff, City of Whiteville</p> <p>11-9-20 Adoption Resolutions:</p> <ul style="list-style-type: none"> <li>• Town of Red Springs</li> <li>• Town of White Lake</li> <li>• Town of Dublin</li> <li>• Town of Bladenboro</li> </ul> <p>11-16-20 Adoption Resolution: Town of Pembroke</p> <p>11-18-20 Adoption Resolution : Town of Lumber Bridge</p> <p>11-27-20 Adoption Resolutions: Town of Chadourn and Town of Parkton</p> <p>12-14-20 Lumbee Tribe of NC submitted documentation to join the Bladen Columbus Robeson Regional HMP along with adoption documentation.</p> <p>1-14-21 Adoption Resolution: Tar Heel</p>			
<b>ELEMENT F. ADDITIONAL STATE REQUIREMENTS (OPTIONAL FOR STATE REVIEWERS ONLY; NOT TO BE COMPLETED BY FEMA)</b>			
<p><b>F1.</b> NCEM 1<sup>st</sup> review: Per FEMA standards effective April 1, it is recommended that maps utilized in plans should identify all participating jurisdictions. Whether numbered and labeled in the map legend or color-coded to depict boundary lines, geographic illustrations provided to show location or extent, for instance, may be deemed as “does not meet requirements” if individual jurisdictions are not clearly visible. An exception <i>may be</i> granted for a map that includes a coordinating narrative explaining data specific to each participating jurisdiction was not available. This however, is still not an absolute guarantee of plan approval.</p> <p><i>*Raynham {jurisdiction 23} does not appear to be on any of the regional maps. (Stephanie correcting maps to include the dot for #23)</i></p> <p><b>F1.</b> NCEM 2<sup>nd</sup> review: Contractor’s revisions accepted as meeting FEMA criteria</p>			
F2.			
<b>ELEMENT F: REQUIRED REVISIONS</b>			

**A. Plan Strengths and Opportunities for Improvement**

This section provides a discussion of the strengths of the plan document and identifies areas where these could be improved beyond minimum requirements.

### Element A: Planning Process

#### Plan Strengths:

- State organizations including the Department of Transportation, NC Emergency Management, Dam Safety, Forrest Service, and other groups like ISO supporting the Community Rating System participated in the plan update process and provided feedback. Documentation to support additional public outreach can be found in Appendix D.
- The plan contains very clear language about leadership for monitoring, evaluation, and updating of the plan throughout the 5-year cycle.

#### Opportunities for Improvement:

- The plan doesn't deeply discuss integrating public input, or how the public could be utilized to further build on this plan or other mitigation programs. The language appears templated, on Section 10, Page 4, "Efforts MAY include...". With such a large planning area, the committee and individual community representatives are encouraged to expand public comment solicitation and clearly commit to process for reviewing, including, and incorporating that feedback on a regular basis. (It is stated clearly how, and by who, the plan will be monitored, evaluated, and updated.)
- Also related to public input, it is unclear what public feedback was provided and how it was incorporated. The plan mainly notes that the contractor "AECOM will prepare presentation and handout materials as needed to help facilitate two-way communication with public meeting attendees" including "review goals in existing plan, evaluate mitigation actions".

### Element B: Hazard Identification and Risk Assessment

#### Plan Strengths:

- Throughout each hazard, likely impacts are discussed based on first responders, the built environment, and other considerations. This is a very interesting and 'whole community' approach to defining the possible impacts of each hazard according to different community perspectives.
- Levee diagrams and the associated map are very helpful visuals for readers seeking to understand the footprint of the flood control structure.
- Jurisdictional specific maps are consistently formatted and very helpful for readers to see the special flood hazard areas in each community, the areas of greatest risk for wildfire in each community, and other jurisdictional specific hazards.
- There is a wonderful narrative summary of significant events for thunderstorms/lightning on page 5-187 since there were so many individual events.

#### Opportunities for Improvement:

- Largely excluding Florence from this plan update, especially on page 5-48, is a significant shortfall for this Regional plan and misses a critical opportunity to capture lessons learned, local experiences, and goals for actions to reduce future risk from similar storms in the future. Florence is only listed within a few table entries throughout the plan. Even Matthew coverage seems limited considering the scale of the event. No photos or detailed description of the events are present despite national media coverage.
- Jurisdiction specific vulnerability discussions are largely missed, leaving the reader to interpret tables of data where many hazards are likely to affect either 0% or 100% of the population or the number of structures in a community. There are also consistency issues with some tables, for instance, there is no percentage population impacted by an EF5 tornado on page 6-420, yet on profiling lesser tornado events, nearly 100% of the population is affected.



- Tornado tables also separate out differences in damages between pre- and post-FIRM construction without descriptions. It is likely confusing for a reader why tornado damages would vary based on a flood-related building attribute without explanation.
- Vulnerability is summarized at the regional level on 6-537-539, using a wide variety of factors including annual probability, damage, spatial extent, warning time, and other factors. If this was expanded to also include each jurisdiction, a reader might be able to more easily see high level differences in the risk to each community.
- The use of hard data and tables are helpful for formatting across the different hazards, but in a regional plan with so many different communities, local experiences and concerns in a narrative form could really put some of the tables into perspective. Local leaders and emergency managers are strongly encouraged to bolster future plans with discussions on community specific issues, capacity, experiences, and lessons learned to compliment data tables.
- The plan would greatly benefit from more community specific discussions about the unique attributes of each community and how that changes the vulnerability/risk for residents and businesses when facing hazards. Consider explaining factors that would allow an average reader to understand if their community is more or less vulnerable to specific events, has unique populations, etc. See Task 5 in the Local Mitigation Planning Handbook, dated March 2013 for more information, also see the Region IV Vulnerability Job Aid dated February 2020 for examples and suggestions for developing vulnerability discussions for each community.

### Element C: Mitigation Strategy

#### Plan Strengths:

- The community's individual capabilities and resources are well profiled and organized in a clear, consistent format throughout Section 7. The use of tables makes it easy for the reader to understand the resources available to support mitigation in their community and is a useful tool for local government officials to quickly see the resources of neighboring jurisdictions to perhaps work together or increase capability in a particular area.
- The addition of related NFIP programs and capabilities are helpful to fully capture the floodplain management programs in many communities. Discussing stormwater management plans, open space management plans, and other capabilities is a good practice. Briefly explaining the intent of these programs, in addition to listing them in a table form per community, helps provide context to the reader.

#### Opportunities for Improvement:

- Having all actions grouped under each county umbrella misses the intent of jurisdiction specific action requirements. The plan does such a good job of outlining each individual communities' capabilities and different measures of capacity, yet the actions suggest that each community has equally prioritized and would benefit from every action. In addition, the County is usually the responsible party listed and while that may be true for some of the smaller communities who rely heavily or even completely on the county for many services, this is likely not the case for all jurisdictions with some dedicated staff. It is strongly encouraged that each community separately break out their own jurisdiction actions, or at least separate out the ones where local conditions, local staff, local funding, risk, etc. will affect the cost/benefit, timeline, responsible party, etc.
- While the responsible party is often defined as a county level department/agency (County level planning or building staff members), considering all the communities that are involved in this plan, it seems like a generalization rather than true assignments. A key intent of this requirement is to help ensure local buy-in and ownership of these actions. If no one is specifically assigned to these mitigation actions, it's much less likely that they will be achieved or advanced.
- The prioritization of the mitigation actions is unclear. While the prioritization factors seem comprehensive and imply that each prioritization list is most appropriate to the jurisdictions, it would be very difficult for a new local official/planning team member to understand why the rankings are what they are in this plan. It is encouraged that each jurisdiction includes a rationale for why the actions received the priority they did or to include a scoring sheet in each county specific action plan that shows how the priority determination was made.
- The proposed process for integrating the requirements of the mitigation plan into other planning mechanisms is weak and summarized only at the county level. There is no discussion of any planned/potential, or scheduled updates to any individual community plan throughout Section 7 Capability Assessment and only in Section 10,

- does the plan state that each of the three County Emergency Management supervisors will annually work to integrate the plan into individual ordinances, programs, etc. Especially with the size and scope of this regional plan, it is strongly encouraged that the plan clearly state that the hazard mitigation plan will be examined and reviewed when any local ordinance or plan is undergoing an update, and it would be best if each community provided a quick sentence or two stating who would work with their respective County EM Director for annual jurisdiction-specific updates and whether any individual community expects to make changes to any of their relevant programs, ordinances, or policies.
- Dozens of specific, targeted, and jurisdiction-specific recovery and mitigation actions were finalized following Hurricane Matthew through the RebuildNC program to reduce long term risk. Community specific needs and vulnerabilities were also discussed in these recovery plans. Yet these actions and findings, which were published in three county-specific recovery plans and available online, were not integrated into this Hazard Mitigation Plan at all. Instead, mitigation actions for this plan update are generally copied verbatim from the previous plan. This is a significant missed opportunity for integration and connecting mitigation programs.

### **Element D: Plan Update, Evaluation, and Implementation (*Plan Updates Only*)**

#### **Plan Strengths:**

-

#### **Opportunities for Improvement:**

- The plan states no development changes have increased or decreased vulnerability across any hazard, which is a minimally acceptable answer, however population growth has increased in several communities according to the plan, while others have lost population. At the beginning of the community profile section, the plan states there is a significant amount of vulnerable residents throughout the region, many older structures, and other conditions that would benefit from some additional analysis and description, even if changes are small, or limited to certain hazards. It is understood that some communities will have no substantial change in development, but in a regional plan with over 30 jurisdictions, it is a significant concern that five years of development changes can be summarized in a single sentence in Section 8, Page 2.
- The Region has experienced several record setting storms just since this last plan update cycle, and yet there is no discussion to how the communities are recovering or building back. And beyond strictly development, how have town sentiments changed towards mitigation and natural hazard risk, or are there any new staff members or additional resources in any community following the disasters? Have the communities received any technical assistance from the state, USACE, or other organizations? Have there been any changes to local government staff or priorities for any new elected leaders following these hazard events?
- There is no discussion of [RebuildNC](#), despite all three communities receiving funding to complete a Resilient Redevelopment Plan following Hurricane Matthew, with those plans published online.

**B. Resources for Implementing Your Approved Plan**

**Region IV Planning Toolkit:** This toolkit was produced by Region IV and Resilience Action Partners, the Community Engagement and Risk Communications Contractor. The document was developed for communities writing/implementing their hazard mitigation plan ‘In-house’ without the use of a contractor. It offers credible data sources, summarized content, and helpful suggestions related to hazard mitigation plans. It is not available online, but can be requested through the State Planning Coordinator as well as the FEMA Planning Team.

**Local Mitigation Planning Handbook:** This Handbook provides guidance to local governments on developing or updating hazard mitigation plans to meet the requirements under the Code of Federal Regulations (CFR) Title 44 – Emergency Management and Assistance §201.6. Use the Local Plan Guide and Handbook in tandem to understand technical requirements  
<http://www.fema.gov/library/viewRecord.do?fromSearch=fromsearch&id=7209>

**Integrating Mitigation Strategies with Local Planning:** This resource provides practical guidance on how to incorporate risk reduction strategies into existing local plans, policies, codes, and programs that guide community development or redevelopment patterns.  
<http://www.fema.gov/library/viewRecord.do?id=7130>

**Mitigation Ideas:** Communities can use this resource to identify and evaluate a range of potential mitigation actions for reducing risk to natural hazards and disasters.  
<http://www.fema.gov/media-library/assets/documents/30627?id=6938>

**Mitigation Assistance Programs:** Currently, FEMA administers three programs that provide funding for eligible mitigation projects that reduces disaster losses and protect life and property from future disaster damages. The three programs are the Hazard Mitigation Grant Program (HMGP), the Flood Mitigation Assistance (FMA) Program, and the Pre-Disaster Mitigation (PDM) Program.  
<http://www.fema.gov/hazard-mitigation-assistance>

**Integrating Mitigation Strategies with Local Planning:** Provides practical guidance on how to incorporate risk reduction strategies into existing local plans, policies, codes, and programs that guide community development or redevelopment patterns.  
<http://www.fema.gov/library/viewRecord.do?id=7130>

**State NFIP Coordinators:**  
<http://www.floods.org/index.asp?menuID=274&firstlevelmenuID=185&siteID=1>

**Mitigation Funding Sources:**

**Federal Emergency Management Agency**

Program	Details	Notes
Hazard Mitigation Grant Program (HMGP)	Provides grants to implement long-term hazard mitigation measures after a major disaster declaration <a href="https://www.fema.gov/hazard-mitigation-grant-program">https://www.fema.gov/hazard-mitigation-grant-program</a>	See website
Pre-Disaster Mitigation Program (PDM)	Provides funds for hazard mitigation planning and the implementation of mitigation projects prior to a disaster event <a href="https://www.fema.gov/pre-disaster-mitigation-grant-program">https://www.fema.gov/pre-disaster-mitigation-grant-program</a>	See website

**APPENDIX B: LOCAL MITIGATION PLAN REVIEW TOOL**

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Flood Mitigation Assistance (FMA)	Provides funds for projects to reduce or eliminate risk of flood damage to buildings that are insured under the National Flood Insurance Program (NFIP) on an annual basis <a href="https://www.fema.gov/flood-mitigation-assistance-program">https://www.fema.gov/flood-mitigation-assistance-program</a>	See website

**Environmental Protection Agency**

The EPA makes available funds for water management and wetlands protection programs that help mitigate against future costs associated with hazard damage.

Mitigation Funding Sources Program	Details	Notes
Wetland Program Development Grants	Funds for projects that promote research, investigations, experiments, training, demonstrations, surveys, and studies relating to the causes, effects, extent, prevention, reduction, and elimination of water pollution. <a href="http://water.epa.gov/grants_funding/">http://water.epa.gov/grants_funding/</a>	See website

**National Oceanic and Atmosphere Administration (NOAA)**

NOAA is the major source for mitigation funding related to coastal zone management and other coastal protection projects.

Mitigation Funding Sources Program	Details	Notes
Coastal Services Center Grant Opportunities	Formula and program enhancement grants for implementing and enhancing Coastal Zone Management programs that have been approved by the Secretary of Commerce.  <a href="http://coast.noaa.gov/funding/?redirect=301ocm">http://coast.noaa.gov/funding/?redirect=301ocm</a>	See website.

**National Fire Protection Association - Firewise**

Mitigation Funding Sources Program	Details	Notes
Firewise Communities Program	Effort to involve homeowners, community leaders, planners, developers, and others in the effort to protect people, property, and natural resources from the risk of wildland fire before a fire starts.  <a href="http://www.firewise.org">http://www.firewise.org</a>	See website

**U.S. Department of Agriculture**

## APPENDIX B: LOCAL MITIGATION PLAN REVIEW TOOL

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There are multiple mitigation funding and technical assistance opportunities available from the USDA and its various sub-agencies: the Farm Service Agency, Forest Service, and Natural Resources Conservation Service.

USDA Forest Service National Fire Plan	Funding for organizing, training, and equipping fire districts through Volunteer, State and Rural Fire Assistance programs. Technical assistance for fire related mitigation. <a href="http://www.forestsandrangelands.gov/">http://www.forestsandrangelands.gov/</a>	See website
USDA Natural Resources Conservation Service Watershed Protection and Flood Prevention	Information and funds for landscape planning, soil conservation; flood prevention; conservation, development, utilization and disposal of water; and conservation and proper utilization of land. <a href="http://www.nrcs.usda.gov/programs/watershed/index.html">http://www.nrcs.usda.gov/programs/watershed/index.html</a>	See website

**APPENDIX B: LOCAL MITIGATION PLAN REVIEW TOOL**

**SECTION 3:**

**MULTI-JURISDICTION SUMMARY SHEET (OPTIONAL)**

**INSTRUCTIONS:** For multi-jurisdictional plans, a Multi-jurisdiction Summary Spreadsheet may be completed by listing each participating jurisdiction, which required Elements for each jurisdiction were ‘Met’ or ‘Not Met,’ and when the adoption resolutions were received. This Summary Sheet does not imply that a mini-plan be developed for each jurisdiction; it should be used as an optional worksheet to ensure that each jurisdiction participating in the Plan has been documented and has met the requirements for those Elements (A through E).

MULTI-JURISDICTION SUMMARY SHEET												
#	Jurisdiction Name	Jurisdiction Type (city/borough/township/village, etc.)	Plan POC	Mailing Address	Email	Phone	Requirements Met (Y/N)					
							A. Planning Process	B. Hazard Identification & Risk Assessment	C. Mitigation Strategy	D. Plan Review, Evaluation & Implementation	E. Plan Adoption	F. State Requirements
1	Robeson County	County	Mattie Caulder	38 Legend Drive Lumberton, NC 28358	mattie.caulder@co.roberson.nc.us	910-671-3150	Y	Y	Y	Y	Y	
2	Fairmont	Town	Katrina Tatum	P.O. Box 248 Fairmont, NC 28340	ktatum@fairmontnc.com	910-628-9766	Y	Y	Y	Y	Y	
3	Lumber Bridge	Town	Trevor Davis	P.O. Box 299 Lumberton, NC 28357	<a href="mailto:trevordavisah@aol.com">trevordavisah@aol.com</a>	910-424-8515	Y	Y	Y	Y	Y	
4	Lumberton	City	Wayne Horne	500 N. Cedar Street Lumberton, NC 28358	whorne@ci.lumberton.nc.us	910-671-3806	Y	Y	Y	Y	Y	
5	Marietta	Town	Julia Simpson	P.O. Box 178 Marietta, NC 28362	Not available	910-628-6005	Y	Y	Y	Y	Y	
6	Maxton	Town	Angela Pitchford	P.O. Box 99 Maxton, NC 28364	finance@ci.maxton.nc.us	910-844-5231	Y	Y	Y	Y	Y	



**APPENDIX B: LOCAL MITIGATION PLAN REVIEW TOOL**

MULTI-JURISDICTION SUMMARY SHEET												
#	Jurisdiction Name	Jurisdiction Type (city/borough/township/village, etc.)	Plan POC	Mailing Address	Email	Phone	Requirements Met (Y/N)					
							A. Planning Process	B. Hazard Identification & Risk Assessment	C. Mitigation Strategy	D. Plan Review, Evaluation & Implementation	E. Plan Adoption	F. State Requirements
7	McDonald	Town	Kathleen Bacot	P.O. Box 1074 Fairmont, NC 28340	bacotk@wildblue.net	910-739-3717	Y	Y	Y	Y	Y	
8	Orrum	Town	Lettie Navarrete	P.O. Box 93 Orrum, NC 28369	Jplett200@yahoo.com	910-738-2096	Y	Y	Y	Y	Y	
9	Parkton	Town	Angela Young	P.O. Box 55 Parkton, NC 28371	wanda@townofparkton.org	910-858-3225	Y	Y	Y	Y	Y	
10	Pembroke	Town	Tyler Thomas	P.O. Box 866 Pembroke, NC 28372	tyler@pembrokeenc.com	910-521-9758	Y	Y	Y	Y	Y	
11	Proctorville	Town	Allen Fowler	P.O. Box 24 Proctorville, NC 28375	proctorvilleillenc@gmail.com	910-628-9070	Y	Y	Y	Y	Y	
12	Raynham	Town	Debra Arnette	48 Union School Road Rowland, NC 28383	TownofRaynham@yahoo.com	910-422-3640	Y	Y	Y	Y	Y	
13	Red Springs	Town	James Bennett	217 South Main Street Red Springs, NC 28377	TownManager@redsprings.org	910-843-5849	Y	Y	Y	Y	Y	
14	Rennert	Town	Elizabeth Locklear	74 Boots Road Shannon, NC 28386	Not available	910-843-4892	Y	Y	Y	Y	Y	

**APPENDIX B: LOCAL MITIGATION PLAN REVIEW TOOL**

<b>MULTI-JURISDICTION SUMMARY SHEET</b>												
#	Jurisdiction Name	Jurisdiction Type (city/borough/township/village, etc.)	Plan POC	Mailing Address	Email	Phone	Requirements Met (Y/N)					
							A. Planning Process	B. Hazard Identification & Risk Assessment	C. Mitigation Strategy	D. Plan Review, Evaluation & Implementation	E. Plan Adoption	F. State Requirements
15	Rowland	Town	David Townsend	P.O. Box 127 Rowland, NC 28383	dtownsend@townofrowland.com	910-422-3333	Y	Y	Y	Y	Y	
16	St. Pauls	Town	J.R. Steigerwald	210 W. Blue Street St. Pauls, NC 28364	stpaulsadmin@nc.rr.com	910-865-5164	Y	Y	Y	Y	Y	
	<b>Bladen County</b>	County					Y	Y	Y	Y	Y	
	Bladenboro	Town					Y	Y	Y	Y	Y	
	Clarkton	Town					Y	Y	Y	Y	Y	
	Dublin	Town					Y	Y	Y	Y	Y	
	East Arcadia	Town					Y	Y	Y	Y	N	
	Elizabethtown	Town					Y	Y	Y	Y	Y	
	Tar Heel	Town					Y	Y	Y	Y	Y	
	White Lake	Town					Y	Y	Y	Y	Y	
	<b>Columbus County</b>	County					Y	Y	Y	Y	Y	
	Boardman	Town					Y	Y	Y	Y	Y	

**APPENDIX B: LOCAL MITIGATION PLAN REVIEW TOOL**

MULTI-JURISDICTION SUMMARY SHEET												
#	Jurisdiction Name	Jurisdiction Type (city/borough/ township/ village, etc.)	Plan POC	Mailing Address	Email	Phone	Requirements Met (Y/N)					
							A. Planning Process	B. Hazard Identification & Risk Assessment	C. Mitigation Strategy	D. Plan Review, Evaluation & Implementation	E. Plan Adoption	F. State Requirements
	Bolton	Town					Y	Y	Y	Y	Y	
	Brunswick	Town					Y	Y	Y	Y	Y	
	Cerro Gordo	Town					Y	Y	Y	Y	Y	
	Chadbourn	Town					Y	Y	Y	Y	Y	
	Fair Bluff	Town					Y	Y	Y	Y	Y	
	Lake Waccamaw	Town					Y	Y	Y	Y	Y	
	Sandyfield	Town					Y	Y	Y	Y	Y	
	Tabor City	Town					Y	Y	Y	Y	Y	
	Whiteville	City					Y	Y	Y	Y	Y	
	Lumbee Tribe of NC	JOINED 12/14/20					Y	Y	Y	Y	Y	

# **Appendix C: State and Federal Approval Letters**



**FEMA**

October 14, 2020

Mr. Steve McGugan  
State Hazard Mitigation Officer  
Assistant Director / Mitigation Section Chief  
Division of Emergency Management  
NC Department of Public Safety  
200 Park Offices Drive  
Durham, NC 27713

Reference: Multi-Jurisdictional Hazard Mitigation Plan: Bladen Columbus Robeson Regional

Dear Mr. McGugan:

We are pleased to inform you the Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan update is in compliance with the Federal hazard mitigation planning requirements resulting from the Disaster Mitigation Act of 2000, as contained in 44 CFR 201.6. Effective October 7, 2020, the plan is approved for a period of five (5) years, to October 6, 2025.

This plan approval extends to the following participating jurisdictions that provided copies of their resolutions adopting the plan:

- Bladen County, Unincorporated
- Town of Clarkton
- Town of Elizabethtown
- Columbus County, Unincorporated
- Town of Boardman
- Town of Cerro Gordo
- Town of Tabor City
- Robeson County, Unincorporated
- Town of Fairmont
- Town of Marietta
- Town of Maxton
- Town of Rowland

The approved participating jurisdictions are hereby eligible applicants through the State for the following mitigation grant programs administered by the Federal Emergency Management Agency (FEMA):

- Hazard Mitigation Grant Program (HMGP)
- Pre-Disaster Mitigation (PDM)
- Flood Mitigation Assistance (FMA)

National Flood Insurance Program (NFIP) participation is required for some programs.

We commend the participants of Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan for the development of a solid, workable plan that will guide hazard mitigation activities over the coming years. Please note that all requests for funding will be evaluated individually according to the specific eligibility and other requirements of the particular program under which the application is submitted. For example, a specific mitigation activity or project identified in the plan may not meet the eligibility requirements for FEMA funding, and even eligible mitigation activities are not automatically approved for FEMA funding under any of the aforementioned programs.

We strongly encourage each community to perform an annual review and assessment of the effectiveness of their hazard mitigation plan; however, a formal plan update is required at least every five (5) years. We also encourage each community to conduct a plan update process within one (1) year of being included in a Presidential Disaster Declaration or of the adoption of major modifications to their local Comprehensive Land Use Plan or other plans that affect hazard mitigation or land use and development. When you prepare a comprehensive plan update, it must be resubmitted through the State as a “plan update” and is subject to a formal review and approval process by our office. If the plan is not updated prior to the required five (5) year update, please ensure that the draft update is submitted at least six (6) months prior to expiration of this plan.

The State and the participants in the Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan should be commended for their close coordination and communications with our office in the review and subsequent approval of the plan. If you or the participants in the Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan have any questions or need any additional information, please do not hesitate to contact Jean Neptune, of the Hazard Mitigation Assistance Branch, at (770) 220-5474 or Edwardine S. Marrone, of my staff, at (404) 433-3968.

Sincerely,

A handwritten signature in blue ink that reads "Kristen M. Martinenza". The signature is written in a cursive style with a large, stylized initial 'K'.

Kristen M. Martinenza, P.E., CFM  
Branch Chief  
Risk Analysis  
FEMA Region IV





FEMA

October 14, 2020

Mr. Steve McGugan  
State Hazard Mitigation Officer  
Assistant Director / Mitigation Section Chief  
Division of Emergency Management  
NC Department of Public Safety  
200 Park Offices Drive  
Durham, NC 27713

Reference: Multi-Jurisdictional Hazard Mitigation Plan: Bladen Columbus Robeson Regional

Dear Mr. McGugan:

This is a follow-up to our previous correspondence of October 14, 2020, in which we approved the Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan and all the participating communities that submitted their resolutions at the time of plan approval. We have recently received from your office the following resolutions for inclusion within this plan and subsequently have approved the communities under the approved Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan effective October 13, 2020:

- Town of St. Pauls
- Town of Raynham
- Town of McDonald

The approved participating communities are hereby eligible applicants through the State for the following mitigation grant programs administered by the Federal Emergency Management Agency (FEMA):

- Hazard Mitigation Grant Program (HMGP)
- Pre-Disaster Mitigation (PDM)
- Flood Mitigation Assistance (FMA)

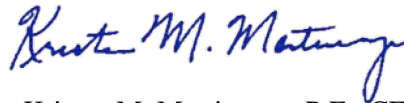
National Flood Insurance Program (NFIP) participation is required for some programs.

We commend the participants in Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan for the development of a solid, workable plan that will guide hazard mitigation activities over the coming years. Please note that all requests for funding will be evaluated individually according to the specific eligibility and other requirements of the particular program under which the application is submitted. For example, a specific mitigation activity or project identified in the plan may not meet the eligibility requirements for FEMA funding, and even eligible mitigation activities are not automatically approved for FEMA funding under any of the aforementioned programs.

We strongly encourage each community to perform an annual review and assessment of the effectiveness of their hazard mitigation plan; however, a formal plan update is required at least every five (5) years. We also encourage each community to conduct a plan update process within one (1) year of being included within a Presidential Disaster Declaration or of the adoption of major modifications to their local Comprehensive Land Use Plan or other plans that affect hazard mitigation or land use and development. When the Plan is amended or revised, the amendments and revisions should be incorporated into the next plan update. If the Plan is not updated prior to the required five (5) year update, please ensure that the Draft update is submitted at least six (6) months prior to expiration of this plan approval.

If you or the participants in Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan have any further questions or need any additional information, please do not hesitate to contact Catherine Strickland, of the Hazard Mitigation Assistance Branch, at (770) 220-5328 or Edwardine S. Marrone, of my staff, at (404) 433-3968.

Sincerely,

A handwritten signature in blue ink that reads "Kristen M. Martinenza". The signature is written in a cursive, flowing style.

Kristen M. Martinenza, P.E., CFM  
Branch Chief  
Risk Analysis  
FEMA Region IV



FEMA

October 16, 2020

Mr. Steve McGugan  
State Hazard Mitigation Officer  
Assistant Director / Mitigation Section Chief  
Division of Emergency Management  
NC Department of Public Safety  
200 Park Offices Drive  
Durham, NC 27713

Reference: Multi-Jurisdictional Hazard Mitigation Plan: Bladen Columbus Robeson Regional

Dear Mr. McGugan:

This is a follow-up to our previous correspondence of October 7, 2020, in which we approved the Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan and all the participating communities that submitted their resolutions at the time of plan approval. We have recently received from your office the following resolution for inclusion within this plan and subsequently have approved the community under the approved Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan effective October 16, 2020:

- Town of Lumberton

The approved participating community is hereby an eligible applicant through the State for the following mitigation grant programs administered by the Federal Emergency Management Agency (FEMA):

- Hazard Mitigation Grant Program (HMGP)
- Flood Mitigation Assistance (FMA)
- Building Resilient Infrastructure and Communities (BRIC)


National Flood Insurance Program (NFIP) participation is required for some programs.

We commend the participants in Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan for the development of a solid, workable plan that will guide hazard mitigation activities over the coming years. Please note that all requests for funding will be evaluated individually according to the specific eligibility and other requirements of the particular program under which the application is submitted. For example, a specific mitigation activity or project identified in the plan may not meet the eligibility requirements for FEMA funding, and even eligible mitigation activities are not automatically approved for FEMA funding under any of the aforementioned programs.

We strongly encourage each community to perform an annual review and assessment of the effectiveness of their hazard mitigation plan; however, a formal plan update is required at least every five (5) years. We also encourage each community to conduct a plan update process within one (1) year of being included within a Presidential Disaster Declaration or of the adoption of major modifications to their local Comprehensive Land Use Plan or other plans that affect hazard mitigation or land use and development. When the Plan is amended or revised, the amendments and revisions should be incorporated into the next plan update. If the Plan is not updated prior to the required five (5) year update, please ensure that the Draft update is submitted at least six (6) months prior to expiration of this plan approval.

If you or the participants in Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan have any further questions or need any additional information, please do not hesitate to contact Catherine Strickland, of the Hazard Mitigation Assistance Branch, at (770) 220-5328 or Edwardine S. Marrone, of my staff, at (404) 433-3968.

Sincerely,

A handwritten signature in blue ink that reads "Kristen M. Martinenza". The signature is written in a cursive style.

Kristen M. Martinenza, P.E., CFM  
Branch Chief  
Risk Analysis  
FEMA Region IV



**FEMA**

October 26, 2020

Mr. Steve McGugan  
State Hazard Mitigation Officer  
Assistant Director / Mitigation Section Chief  
Division of Emergency Management  
NC Department of Public Safety  
200 Park Offices Drive  
Durham, NC 27713

Reference: Multi-Jurisdictional Hazard Mitigation Plan: Bladen Columbus Robeson Regional

Dear Mr. McGugan:

This is a follow-up to our previous correspondence of October 7, 2020, in which we approved the Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan and all the participating communities that submitted their resolutions at the time of plan approval. We have recently received from your office the following resolutions for inclusion within this plan and subsequently have approved the communities under the approved Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan effective October 22, 2020:

- Town of Rennert
- Town of Proctorville
- Town of Brunswick

The approved participating communities are hereby eligible applicants through the State for the following mitigation grant programs administered by the Federal Emergency Management Agency (FEMA):

- Hazard Mitigation Grant Program (HMGP)
- Flood Mitigation Assistance (FMA)
- Building Resilient Infrastructure and Communities (BRIC)


National Flood Insurance Program (NFIP) participation is required for some programs.

We commend the participants in Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan for the development of a solid, workable plan that will guide hazard mitigation activities over the coming years. Please note that all requests for funding will be evaluated individually according to the specific eligibility and other requirements of the particular program under which the application is submitted. For example, a specific mitigation activity or project identified in the plan may not meet the eligibility requirements for FEMA funding, and even eligible mitigation activities are not automatically approved for FEMA funding under any of the aforementioned programs.

We strongly encourage each community to perform an annual review and assessment of the effectiveness of their hazard mitigation plan; however, a formal plan update is required at least every five (5) years. We also encourage each community to conduct a plan update process within one (1) year of being included within a Presidential Disaster Declaration or of the adoption of major modifications to their local Comprehensive Land Use Plan or other plans that affect hazard mitigation or land use and development. When the Plan is amended or revised, the amendments and revisions should be incorporated into the next plan update. If the Plan is not updated prior to the required five (5) year update, please ensure that the Draft update is submitted at least six (6) months prior to expiration of this plan approval.

If you or the participants in Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan have any further questions or need any additional information, please do not hesitate to contact Catherine Strickland, of the Hazard Mitigation Assistance Branch, at (770) 220-5328 or Edwardine S. Marrone, of my staff, at (404) 433-3968.

Sincerely,

A handwritten signature in blue ink that reads "Kristen M. Martinenza". The signature is written in a cursive, flowing style.

Kristen M. Martinenza, P.E., CFM  
Branch Chief  
Risk Analysis  
FEMA Region IV





**FEMA**

October 27, 2020

Mr. Steve McGugan  
State Hazard Mitigation Officer  
Assistant Director / Mitigation Section Chief  
Division of Emergency Management  
NC Department of Public Safety  
200 Park Offices Drive  
Durham, NC 27713

Reference: Multi-Jurisdictional Hazard Mitigation Plan: Bladen Columbus Robeson Regional

Dear Mr. McGugan:

This is a follow-up to our previous correspondence of October 7, 2020, in which we approved the Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan and all the participating communities that submitted their resolutions at the time of plan approval. We have recently received from your office the following resolutions for inclusion within this plan and subsequently have approved the communities under the approved Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan effective October 27, 2020:

- Town of Sandyfield
- Town of Bolton

The approved participating communities are hereby eligible applicants through the State for the following mitigation grant programs administered by the Federal Emergency Management Agency (FEMA):

- Hazard Mitigation Grant Program (HMGP)
- Flood Mitigation Assistance (FMA)
- Building Resilient Infrastructure and Communities (BRIC)

National Flood Insurance Program (NFIP) participation is required for some programs.

We commend the participants in Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan for the development of a solid, workable plan that will guide hazard mitigation activities over the coming years. Please note that all requests for funding will be evaluated individually according to the specific eligibility and other requirements of the particular program under which the application is submitted. For example, a specific mitigation activity or project identified in the plan may not meet the eligibility requirements for FEMA funding, and even eligible mitigation activities are not automatically approved for FEMA funding under any of the aforementioned programs.

We strongly encourage each community to perform an annual review and assessment of the effectiveness of their hazard mitigation plan; however, a formal plan update is required at least every five (5) years. We also encourage each community to conduct a plan update process within one (1) year of being included within a Presidential Disaster Declaration or of the adoption of major modifications to their local Comprehensive Land Use Plan or other plans that affect hazard mitigation or land use and development. When the Plan is amended or revised, the amendments and revisions should be incorporated into the next plan update. If the Plan is not updated prior to the required five (5) year update, please ensure that the Draft update is submitted at least six (6) months prior to expiration of this plan approval.

If you or the participants in Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan have any further questions or need any additional information, please do not hesitate to contact Catherine Strickland, of the Hazard Mitigation Assistance Branch, at (770) 220-5328 or Edwardine S. Marrone, of my staff, at (404) 433-3968.

Sincerely,

A handwritten signature in blue ink that reads "Kristen M. Martinenza". The signature is fluid and cursive, with a prominent loop at the end of the last name.

Kristen M. Martinenza, P.E., CFM  
Branch Chief  
Risk Analysis  
FEMA Region IV



FEMA

October 28, 2020

Mr. Steve McGugan  
State Hazard Mitigation Officer  
Assistant Director / Mitigation Section Chief  
Division of Emergency Management  
NC Department of Public Safety  
200 Park Offices Drive  
Durham, NC 27713

Reference: Multi-Jurisdictional Hazard Mitigation Plan: Bladen Columbus Robeson Regional

Dear Mr. McGugan:

This is a follow-up to our previous correspondence of October 7, 2020, in which we approved the Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan and all the participating communities that submitted their resolutions at the time of plan approval. We have recently received from your office the following resolutions for inclusion within this plan and subsequently have approved the communities under the approved Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan effective October 28, 2020:

- Town of Orrum
- Town of Lake Waccamaw
- Town of Fair Bluff
- City of Whiteville

The approved participating communities are hereby eligible applicants through the State for the following mitigation grant programs administered by the Federal Emergency Management Agency (FEMA):

- Hazard Mitigation Grant Program (HMGP)
- Flood Mitigation Assistance (FMA)
- Building Resilient Infrastructure and Communities (BRIC)

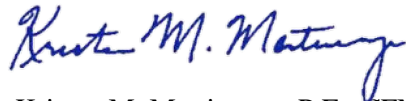
National Flood Insurance Program (NFIP) participation is required for some programs.

We commend the participants in Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan for the development of a solid, workable plan that will guide hazard mitigation activities over the coming years. Please note that all requests for funding will be evaluated individually according to the specific eligibility and other requirements of the particular program under which the application is submitted. For example, a specific mitigation activity or project identified in the plan may not meet the eligibility requirements for FEMA funding, and even eligible mitigation activities are not automatically approved for FEMA funding under any of the aforementioned programs.

We strongly encourage each community to perform an annual review and assessment of the effectiveness of their hazard mitigation plan; however, a formal plan update is required at least every five (5) years. We also encourage each community to conduct a plan update process within one (1) year of being included within a Presidential Disaster Declaration or of the adoption of major modifications to their local Comprehensive Land Use Plan or other plans that affect hazard mitigation or land use and development. When the Plan is amended or revised, the amendments and revisions should be incorporated into the next plan update. If the Plan is not updated prior to the required five (5) year update, please ensure that the Draft update is submitted at least six (6) months prior to expiration of this plan approval.

If you or the participants in Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan have any further questions or need any additional information, please do not hesitate to contact Catherine Strickland, of the Hazard Mitigation Assistance Branch, at (770) 220-5328 or Edwardine S. Marrone, of my staff, at (404) 433-3968.

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Kristen M. Martinenza, P.E., CFM  
Branch Chief  
Risk Analysis  
FEMA Region IV



FEMA

November 9, 2020

Mr. Steve McGugan  
State Hazard Mitigation Officer  
Assistant Director / Mitigation Section Chief  
Division of Emergency Management  
NC Department of Public Safety  
200 Park Offices Drive  
Durham, NC 27713

Reference: Multi-Jurisdictional Hazard Mitigation Plan: Bladen Columbus Robeson Regional

Dear Mr. McGugan:

This is a follow-up to our previous correspondence of October 7, 2020, in which we approved the Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan and all the participating communities that submitted their resolutions at the time of plan approval. We have recently received from your office the following resolutions for inclusion within this plan and subsequently have approved the communities under the approved Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan effective November 9, 2020:

- Town of Red Springs
- Town of White Lake
- Town of Dublin
- Town of Bladenboro

The approved participating communities are hereby eligible applicants through the State for the following mitigation grant programs administered by the Federal Emergency Management Agency (FEMA):

- Hazard Mitigation Grant Program (HMGP)
- Flood Mitigation Assistance (FMA)
- Building Resilient Infrastructure and Communities (BRIC)


National Flood Insurance Program (NFIP) participation is required for some programs.

We commend the participants in Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan for the development of a solid, workable plan that will guide hazard mitigation activities over the coming years. Please note that all requests for funding will be evaluated individually according to the specific eligibility and other requirements of the particular program under which the application is submitted. For example, a specific mitigation activity or project identified in the plan may not meet the eligibility requirements for FEMA funding, and even eligible mitigation activities are not automatically approved for FEMA funding under any of the aforementioned programs.

We strongly encourage each community to perform an annual review and assessment of the effectiveness of their hazard mitigation plan; however, a formal plan update is required at least every five (5) years. We also encourage each community to conduct a plan update process within one (1) year of being included within a Presidential Disaster Declaration or of the adoption of major modifications to their local Comprehensive Land Use Plan or other plans that affect hazard mitigation or land use and development. When the Plan is amended or revised, the amendments and revisions should be incorporated into the next plan update. If the Plan is not updated prior to the required five (5) year update, please ensure that the Draft update is submitted at least six (6) months prior to expiration of this plan approval.

If you or the participants in Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan have any further questions or need any additional information, please do not hesitate to contact Catherine Strickland, of the Hazard Mitigation Assistance Branch, at (770) 220-5328 or Edwardine S. Marrone, of my staff, at (404) 433-3968.

Sincerely,

A handwritten signature in blue ink that reads "Kristen M. Martinenza". The signature is fluid and cursive, with the first name "Kristen" and last name "Martinenza" clearly legible.

Kristen M. Martinenza, P.E., CFM  
Branch Chief  
Risk Analysis  
FEMA Region IV





FEMA

November 16, 2020

Mr. Steve McGugan  
State Hazard Mitigation Officer  
Assistant Director / Mitigation Section Chief  
Division of Emergency Management  
NC Department of Public Safety  
200 Park Offices Drive  
Durham, NC 27713

Reference: Multi-Jurisdictional Hazard Mitigation Plan: Bladen Columbus Robeson Regional

Dear Mr. McGugan:

This is a follow-up to our previous correspondence of October 7, 2020, in which we approved the Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan and all the participating communities that submitted their resolutions at the time of plan approval. We have recently received from your office the following resolution for inclusion within this plan and subsequently have approved the community under the approved Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan effective November 16, 2020:

- Town of Pembroke

The approved participating community is hereby an eligible applicant through the State for the following mitigation grant programs administered by the Federal Emergency Management Agency (FEMA):

- Hazard Mitigation Grant Program (HMGP)
- Flood Mitigation Assistance (FMA)
- Building Resilient Infrastructure and Communities (BRIC)

National Flood Insurance Program (NFIP) participation is required for some programs.

We commend the participants in Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan for the development of a solid, workable plan that will guide hazard mitigation activities over the coming years. Please note that all requests for funding will be evaluated individually according to the specific eligibility and other requirements of the particular program under which the application is submitted. For example, a specific mitigation activity or project identified in the plan may not meet the eligibility requirements for FEMA funding, and even eligible mitigation activities are not automatically approved for FEMA funding under any of the aforementioned programs.

We strongly encourage each community to perform an annual review and assessment of the effectiveness of their hazard mitigation plan; however, a formal plan update is required at least every five (5) years. We also encourage each community to conduct a plan update process within one (1) year of being included within a Presidential Disaster Declaration or of the adoption of major modifications to their local Comprehensive Land Use Plan or other plans that affect hazard mitigation or land use and development. When the Plan is amended or revised, the amendments and revisions should be incorporated into the next plan update. If the Plan is not updated prior to the required five (5) year update, please ensure that the Draft update is submitted at least six (6) months prior to expiration of this plan approval.

If you or the participants in Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan have any further questions or need any additional information, please do not hesitate to contact Catherine Strickland, of the Hazard Mitigation Assistance Branch, at (770) 220-5328 or Edwardine S. Marrone, of my staff, at (404) 433-3968.

Sincerely,

A handwritten signature in blue ink that reads "Kristen M. Martinenza". The signature is written in a cursive style with a large initial 'K' and 'M'.

Kristen M. Martinenza, P.E., CFM  
Branch Chief  
Risk Analysis  
FEMA Region IV



**FEMA**

November 18, 2020

Mr. Steve McGugan  
State Hazard Mitigation Officer  
Assistant Director / Mitigation Section Chief  
Division of Emergency Management  
NC Department of Public Safety  
200 Park Offices Drive  
Durham, NC 27713

Reference: Multi-Jurisdictional Hazard Mitigation Plan: Bladen Columbus Robeson Regional

Dear Mr. McGugan:

This is a follow-up to our previous correspondence of October 7, 2020, in which we approved the Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan and all the participating communities that submitted their resolutions at the time of plan approval. We have recently received from your office the following resolution for inclusion within this plan and subsequently have approved the community under the approved Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan effective November 18, 2020:

- Town of Lumber Bridge

The approved participating community is hereby an eligible applicant through the State for the following mitigation grant programs administered by the Federal Emergency Management Agency (FEMA):

- Hazard Mitigation Grant Program (HMGP)
- Flood Mitigation Assistance (FMA)
- Building Resilient Infrastructure and Communities (BRIC)

National Flood Insurance Program (NFIP) participation is required for some programs.

We commend the participants in Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan for the development of a solid, workable plan that will guide hazard mitigation activities over the coming years. Please note that all requests for funding will be evaluated individually according to the specific eligibility and other requirements of the particular program under which the application is submitted. For example, a specific mitigation activity or project identified in the plan may not meet the eligibility requirements for FEMA funding, and even eligible mitigation activities are not automatically approved for FEMA funding under any of the aforementioned programs.

We strongly encourage each community to perform an annual review and assessment of the effectiveness of their hazard mitigation plan; however, a formal plan update is required at least every five (5) years. We also encourage each community to conduct a plan update process within one (1) year of being included within a Presidential Disaster Declaration or of the adoption of major modifications to their local

Comprehensive Land Use Plan or other plans that affect hazard mitigation or land use and development. When the Plan is amended or revised, the amendments and revisions should be incorporated into the next plan update. If the Plan is not updated prior to the required five (5) year update, please ensure that the Draft update is submitted at least six (6) months prior to expiration of this plan approval.

If you or the participants in Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan have any further questions or need any additional information, please do not hesitate to contact Catherine Strickland, of the Hazard Mitigation Assistance Branch, at (770) 220-5328 or Edwardine S. Marrone, of my staff, at (404) 433-3968.

Sincerely,

A handwritten signature in blue ink that reads "Kristen M. Martinenza". The signature is fluid and cursive, with the first name "Kristen" being the most prominent.

Kristen M. Martinenza, P.E., CFM  
Branch Chief  
Risk Analysis  
FEMA Region IV



**FEMA**

November 30, 2020

Mr. Steve McGugan  
State Hazard Mitigation Officer  
Assistant Director / Mitigation Section Chief  
Division of Emergency Management  
NC Department of Public Safety  
200 Park Offices Drive  
Durham, NC 27713

Reference: Multi-Jurisdictional Hazard Mitigation Plan: Bladen Columbus Robeson Regional

Dear Mr. McGugan:

This is a follow-up to our previous correspondence of October 7, 2020, in which we approved the Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan and all the participating communities that submitted their resolutions at the time of plan approval. We have recently received from your office the following resolution for inclusion within this plan and subsequently have approved the communities under the approved Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan effective November 27, 2020:

- Town of Chadbourn
- Town of Parkton

The approved participating communities are hereby eligible applicants through the State for the following mitigation grant programs administered by the Federal Emergency Management Agency (FEMA):

- Hazard Mitigation Grant Program (HMGP)
- Flood Mitigation Assistance (FMA)
- Building Resilient Infrastructure and Communities (BRIC)

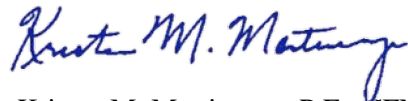
National Flood Insurance Program (NFIP) participation is required for some programs.

We commend the participants in Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan for the development of a solid, workable plan that will guide hazard mitigation activities over the coming years. Please note that all requests for funding will be evaluated individually according to the specific eligibility and other requirements of the particular program under which the application is submitted. For example, a specific mitigation activity or project identified in the plan may not meet the eligibility requirements for FEMA funding, and even eligible mitigation activities are not automatically approved for FEMA funding under any of the aforementioned programs.

We strongly encourage each community to perform an annual review and assessment of the effectiveness of their hazard mitigation plan; however, a formal plan update is required at least every five (5) years. We also encourage each community to conduct a plan update process within one (1) year of being included within a Presidential Disaster Declaration or of the adoption of major modifications to their local Comprehensive Land Use Plan or other plans that affect hazard mitigation or land use and development. When the Plan is amended or revised, the amendments and revisions should be incorporated into the next plan update. If the Plan is not updated prior to the required five (5) year update, please ensure that the Draft update is submitted at least six (6) months prior to expiration of this plan approval.

If you or the participants in Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan have any further questions or need any additional information please do not hesitate to contact Catherine Strickland, of the Hazard Mitigation Assistance Branch, at (770) 220-5328 or Edwardine S. Marrone, of my staff, at (404) 433-3968.

Sincerely,

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Kristen M. Martinenza, P.E., CFM  
Branch Chief  
Risk Analysis  
FEMA Region IV





**FEMA**

December 14, 2020

Mr. Steve McGugan  
State Hazard Mitigation Officer  
Assistant Director / Mitigation Section Chief  
Division of Emergency Management  
NC Department of Public Safety  
200 Park Offices Drive  
Durham, NC 27713

Reference: Multi-Jurisdictional Hazard Mitigation Plan: Bladen Columbus Robeson Regional

Dear Mr. McGugan:

This is a follow-up to our previous correspondence of October 7, 2020 in which we approved the Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan and all the participating communities that submitted their resolutions at the time of plan approval. We have recently received from your office a recommendation that Lumbee Tribe of North Carolina, a single jurisdiction, be permitted to join the Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan, which expires October 6, 2025. The Lumbee Tribe of North Carolina has reviewed the Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan and has found it to be consistent with the natural hazards that impacts the Lumbee Tribe of North Carolina. Bladen Columbus Robeson Regional has indicated its approval of this request by executing a letter of concurrence for Lumbee Tribe of North Carolina to join the Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan. A resolution from Lumbee Tribe of North Carolina requesting that its documentation including mitigation strategies be adopted as an amendment to the Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan was also received by the Federal Emergency Management Agency (FEMA). We have subsequently approved Lumbee Tribe of North Carolina under the approved Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan.

The approved participating community is hereby an eligible applicant through the State for the following mitigation grant programs administered by FEMA:

- Hazard Mitigation Grant Program (HMGP)
- Flood Mitigation Assistance (FMA)
- Building Resilient Infrastructure and Communities (BRIC)

National Flood Insurance Program (NFIP) participation is required for some programs.

We commend Lumbee Tribe of North Carolina for the development of a solid, workable plan amendment that will be incorporated into the Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan and will guide hazard mitigation activities over the coming years. Please note that all requests for funding will be evaluated individually according to the specific eligibility and other requirements of the particular program under which the application is submitted. For example, a specific mitigation activity or project identified in the plan may not meet the eligibility requirements for FEMA

funding, and even eligible mitigation activities are not automatically approved for FEMA funding under any of the aforementioned programs.

We strongly encourage each community to perform an annual review and assessment of the effectiveness of their hazard mitigation plan; however, a formal plan update is required at least every five (5) years. We also encourage each community to conduct a plan update process within one year of being included in a Presidential Disaster Declaration or of the adoption of major modifications to their local Comprehensive Land Use Plan or other plans that affect hazard mitigation or land use and development.

When you prepare a comprehensive plan update, it must be resubmitted through the State as a “plan update” and is subject to a formal review and approval process by our office. If the Plan is not updated prior to the required five (5) year update, please ensure that the Draft update is submitted at least six (6) months prior to expiration of this plan approval.

If you or the participants in the Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan have any further questions or need any additional information, please do not hesitate to contact Celicia A. Davis, of the Hazard Mitigation Assistance Branch, at (770) 220-5253, Dontrey L. Garnett, of the Hazard Mitigation Assistance Branch, at (770) 220-3145 or Edwardine S. Marrone, of my staff, at (404) 433-3968.

Sincerely,

A handwritten signature in blue ink that reads "Kristen M. Martinenza". The signature is fluid and cursive, with the first letters of each name being capitalized and prominent.

Kristen M. Martinenza, P.E., CFM  
Branch Chief  
Risk Analysis  
FEMA Region IV



**FEMA**

January 13, 2021

Mr. Steve McGugan  
State Hazard Mitigation Officer  
Assistant Director / Mitigation Section Chief  
Division of Emergency Management  
NC Department of Public Safety  
200 Park Offices Drive  
Durham, NC 27713

Reference: Multi-Jurisdictional Hazard Mitigation Plan: Bladen Columbus Robeson Regional

Dear Mr. McGugan:

This is a follow-up to our previous correspondence of October 7, 2020, in which we approved the Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan and all the participating communities that submitted their resolutions at the time of plan approval. We have recently received from your office the following resolution for inclusion within this plan and subsequently have approved the community under the approved Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan effective January 13, 2021:

- Town of Tar Heel

The approved participating community is hereby an eligible applicant through the State for the following mitigation grant programs administered by the Federal Emergency Management Agency (FEMA):

- Hazard Mitigation Grant Program (HMGP)
- Flood Mitigation Assistance (FMA)
- Building Resilient Infrastructure and Communities (BRIC)

National Flood Insurance Program (NFIP) participation is required for some programs.

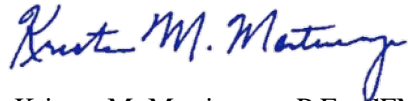
We commend the participants in Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan for the development of a solid, workable plan that will guide hazard mitigation activities over the coming years. Please note that all requests for funding will be evaluated individually according to the specific eligibility and other requirements of the particular program under which the application is submitted. For example, a specific mitigation activity or project identified in the plan may not meet the eligibility requirements for FEMA funding, and even eligible mitigation activities are not automatically approved for FEMA funding under any of the aforementioned programs.

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If you or the participants in Bladen Columbus Robeson Regional Multi-Jurisdictional Hazard Mitigation Plan have any further questions or need any additional information, please do not hesitate to contact Celicia A. Davis, of the Hazard Mitigation Assistance Branch, at (770) 220-5253, Dontrey L. Garnett, of the Hazard Mitigation Assistance Branch, at (770) 220-3145 or Edwardine S. Marrone, of my staff, at (404) 433-3968.

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Kristen M. Martinenza, P.E., CFM  
Branch Chief  
Risk Analysis  
FEMA Region IV

## **Appendix D: Public Outreach Strategy**

This appendix to the Bladen Columbus Robeson Regional Hazard Mitigation Plan contains a copy of the Public Outreach Strategy to guide the public outreach element of the mitigation planning process.

# Public Outreach Strategy

## Project Summary

The counties of Bladen, Columbus and Robeson, in coordination with their participating municipal jurisdictions, are updating their regional hazard mitigation plan that covers the three-county area. The Bladen Columbus Robeson Regional Hazard Mitigation Plan will identify local policies and actions for reducing risk and future losses from natural hazards such as floods, severe storms, wildfires, and winter weather.

The plan will also serve to meet key federal planning regulations which require local governments to develop a hazard mitigation plan as a condition for receiving certain types of non-emergency disaster assistance, including funding for hazard mitigation projects. These mitigation planning requirements stem from the Disaster Mitigation Act of 2000, which was passed by the U.S. Congress in October of 2000. This Act amended federal law to require that all states and local governments must have hazard mitigation plans in place in order to be eligible to apply for funding under such programs as the Hazard Mitigation Grant Program (HMGP) and the Pre-Disaster Mitigation (PDM) program.

## Public Outreach

A key element in the mitigation planning process is the discussion it promotes among community members about creating a safer, more disaster-resilient community. A plan that accurately reflects the community's values and priorities is likely to have greater legitimacy and "buy-in" and greater success in implementing mitigation actions and projects to reduce risk.<sup>1</sup> Therefore, the purpose of the Bladen Columbus Robeson Regional Hazard Mitigation Plan Public Outreach Strategy is to:

- Generate public interest;
- Solicit citizen input; and
- Engage additional partners in the planning process.

The following specific public outreach opportunities and methods have been identified for citizens and targeted stakeholders to participate at various points in the mitigation planning process, and are presented in more detail on the following pages:

1. In-person public meetings (2)
2. Public information website (including social media integration)
3. Project information fact sheet
4. Planning resources
5. Public participation survey

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<sup>1</sup> FEMA, *Local Mitigation Planning Handbook*, March 2013.



<b>OUTREACH METHOD 1</b>
<b>In-Person Public Meetings (2)</b>
<b>AVAILABILITY</b>
March 20, 2020 and at each jurisdiction council meeting for adoption.
<b>BRIEF DESCRIPTION</b>
Three public meetings will be scheduled at key points in the project timeline, one following the kick-off meeting with the Regional Hazard Mitigation Planning Committee, one following completion of the draft risk and capability assessments and one following completion of the draft plan (and prior to the plan's local adoption). These meetings will be coordinated and arranged by Robeson County with facilitation support from AECOM.
<b>DETAILS</b>
<p>For all public meetings:</p> <ul style="list-style-type: none"> <li>• The purpose will be to inform the public on the process and current status of the regional planning process, as well as gain input to the process during the drafting stage and prior to plan completion and approval</li> <li>• AECOM will prepare presentation and handout materials as needed to help facilitate two-way communication with public meeting attendees</li> </ul>
<b>LEAD AGENCY</b>
Robeson County/AECOM

<b>OUTREACH METHOD 2</b>
<b>Public Information Website (including Social Media Integration)</b>
<b>AVAILABILITY</b>
January 2020
<b>BRIEF DESCRIPTION</b>
A project information website will be hosted by North Carolina Emergency Management and will be available to the general public and to members of the Hazard Mitigation Planning Committee for the duration of the project at the following web address: <a href="https://gis.aecomonline.net/IRISK2/NCHMP.aspx?region=2">https://gis.aecomonline.net/IRISK2/NCHMP.aspx?region=2</a> . The primary purpose of this site will be to share information relevant to the 2020 Bladen Columbus Robeson Regional Hazard Mitigation Plan planning process.
<b>DETAILS</b>
<p>Specific resources to be included on this site include:</p> <ul style="list-style-type: none"> <li>• Project information fact sheet</li> <li>• Drafts of Regional Hazard Mitigation Plan sections</li> <li>• List of Local Jurisdiction Leads</li> <li>• List of project tasks and subtasks with schedule</li> <li>• PowerPoint files from Hazard Mitigation Planning Committee meetings</li> <li>• PDFs of existing county-level hazard mitigation plans for reference during the plan update process</li> <li>• Links to planning resources, including recently published FEMA hazard mitigation planning guidance</li> <li>• Social media integration including, but not limited to, Facebook, Twitter, Tumblr, and Pinterest</li> </ul>
<b>LEAD AGENCY</b>
Robeson County/NCEM/AECOM

<b>OUTREACH METHOD 3</b>	
<b>Project Information Fact Sheet</b>	
<b>AVAILABILITY</b>	
January 2020	
<b>BRIEF DESCRIPTION</b>	
A 1-page (double-sided) project information fact sheet will be available online in PDF format for the duration of the project. The primary purpose of this document will be to provide information on the regional planning process and to provide project contact information and links for interested parties to engage in the planning effort. This resource will be available on the project information website described above in Outreach Method 2. Printed copies may be made available on an as-needed basis.	
<b>DETAILS</b>	
Specific information to be provided in this fact sheet includes: <ul style="list-style-type: none"> <li>• Project overview</li> <li>• Overview of the regional hazard mitigation planning process, including: <ul style="list-style-type: none"> <li>○ Public outreach</li> <li>○ Risk assessment</li> <li>○ Capability assessment</li> <li>○ Mitigation strategy development</li> <li>○ Plan maintenance</li> <li>○ Plan adoption</li> </ul> </li> <li>• Explanation of project leadership</li> <li>• Project schedule</li> <li>• Contact information and links to project information website</li> <li>• Project graphics/illustrations</li> </ul>	
<b>LEAD AGENCY</b>	
Robeson County/AECOM	

<b>OUTREACH METHOD 4</b>	
<b>Planning Resources</b>	
<b>AVAILABILITY</b>	
January 2020	
<b>BRIEF DESCRIPTION</b>	
Mitigation planning resources will be made available for Hazard Mitigation Planning Committee members and other interested parties in order to promote education and participation in the mitigation planning process.	
<b>DETAILS</b>	
Specific planning resources will include: <ul style="list-style-type: none"> <li>• FEMA mitigation planning guidance <ul style="list-style-type: none"> <li>○ <i>Local Mitigation Planning Handbook</i></li> <li>○ <i>Mitigation Ideas</i></li> <li>○ <i>Integrating Hazard Mitigation Into Local Planning</i></li> </ul> </li> <li>• Other appropriate planning resources as identified throughout the duration of the planning process</li> </ul>	
<b>LEAD AGENCY</b>	
Robeson County/AECOM	

<b>OUTREACH METHOD 5</b>
<b>Public Participation Survey</b>
<b>AVAILABILITY</b>
January to April 2020
<b>BRIEF DESCRIPTION</b>
<p>An online public participation survey will be hosted by AECOM using the SurveyMonkey web hosting service and will be open to the public for a duration of approximately four months. The primary purpose of this survey will be to solicit input from any interested parties in the planning area and will be used so that individuals throughout the planning area have the opportunity to provide valuable information and feedback to the project team. The online survey will give individuals that are unable to attend the in-person meetings the opportunity to participate in the plan update process. Information from the online survey will allow the project team to better understand the types of hazards that most concern the public and the mitigation actions that are of particular interest. The survey will be made accessible through hyperlinks posted on the project information website and can be circulated via email, Facebook, etc. Additionally, hard copies of the survey will be distributed at the in-person public meetings. The feedback received will be evaluated and incorporated into the Hazard Mitigation Planning Committee's decision making process and the final plan.</p>
<b>DETAILS</b>
<p>Types of specific questions to be asked as part of this survey may include:</p> <ul style="list-style-type: none"> <li>• Personal history with natural hazards</li> <li>• Natural hazard concerns</li> <li>• Perception of vulnerable community assets</li> <li>• Importance of community assets</li> <li>• Priorities concerning natural hazard preparedness</li> <li>• Steps local government can take to reduce natural hazard risk</li> <li>• Types of mitigation activities deemed important</li> <li>• Personal interest in natural hazard mitigation</li> <li>• Effective ways to communicate with residents</li> <li>• Location in the floodplain</li> <li>• Questions regarding flood insurance</li> <li>• Personal actions to mitigate property</li> <li>• Mitigation activities planned for the respondent's household</li> <li>• Location within the planning area</li> <li>• Age (optional)*</li> <li>• Gender (optional)</li> <li>• Highest level of education (optional)</li> <li>• Length of time living in the planning area</li> <li>• Ownership of property versus rental status</li> <li>• Type of dwelling</li> <li>• Open comments**</li> </ul> <p><i>* All information will be kept strictly confidential</i></p> <p><i>** Information will be processed and summarized by AECOM in order to produce summary statistics and summary responses</i></p>
<b>LEAD AGENCY</b>
Robeson County/AECOM

## **Appendix E: Project Information Fact Sheet**

This appendix to the Bladen Columbus Robeson Regional Hazard Mitigation Plan contains a copy of the project information fact sheet that was developed to communicate information about the project to the general public and stakeholders, and to provide talking points for Hazard Mitigation Planning Committee members.



# Bladen-Columbus-Robeson Regional Hazard Mitigation Plan

Natural hazards have the potential to cause property damage, loss of life, economic hardship, and threats to public health and safety. Hazard mitigation measures are the things we do today to be more protected in the future. They are actions taken before a disaster happens to reduce the impact of future hazard events on people and property in the community. Mitigation reduces the risk of loss and creates a more resilient and sustainable community.

## Project Overview

The counties of Bladen, Columbus and Robeson, in coordination with their participating municipal jurisdictions, are preparing a **regional hazard mitigation plan** that will cover the county-county area. The Bladen-Columbus-Robeson Regional Hazard Mitigation Plan will identify local policies and actions for reducing risk and future losses from natural hazards such as floods, severe storms, wildfires, and winter weather.

The plan will also serve to meet key federal planning regulations which require local governments to develop a hazard mitigation plan as a condition for receiving certain types of non-emergency disaster assistance, including funding for hazard mitigation projects.

These requirements stem from the Disaster Mitigation Act of 2000 which was passed by the President in October of 2000. This Act mandates that all states and local governments must have hazard mitigation plans in place in order to be eligible to apply for funding under such programs as the Hazard Mitigation Grant Program (HMGP) and the Pre-Disaster Mitigation (PDM) program.

## The Planning Process

The planning process for the Bladen-Columbus-Robeson Regional Hazard Mitigation Plan will consist of six main phases described in detail in the following sections: **public outreach, risk assessment, capability assessment, mitigation strategy development, plan maintenance, and plan adoption.**



### Public Outreach

The goals of the public outreach strategy for this planning effort are to: generate public interest, solicit citizen input, and engage additional partners in the planning process.

Public outreach will include two open public meetings, a project information website (the Bladen-Columbus-Robeson Hazard Mitigation Planning website located at <https://gis.aecomonline.net/IRISK2/NCHMP.aspx?region=2>), a web-based public participation survey (<https://www.surveymonkey.com/r/JL9R3FW>), and updates and information shared through social media, such as on Facebook.

## Risk Assessment

The desired outcomes of a risk assessment are an evaluation of each identified hazard's potential impacts on the people, economy, and built and natural environments in the planning area plus an understanding of each participating jurisdiction's overall vulnerability and most significant risks. These potential impacts and a thorough understanding of the overall vulnerability can be used to create problem statements and identify mitigation actions to reduce risk.

## Capability Assessment

Each participating jurisdiction has a unique set of capabilities, including authorities, policies, programs, staff, funding, and other resources available to accomplish mitigation and reduce long-term vulnerability. By reviewing the existing capabilities in each jurisdiction, the planning team can identify capabilities that currently reduce disaster losses or could be used to reduce losses in the future.

## Mitigation Strategy Development

The primary purpose of mitigation planning is to systematically identify policies, actions, and activities to reduce the impact that future natural hazard occurrences will have on people and property in the planning area. Mitigation strategy development includes long-range mitigation goals common to the planning area and short-term mitigation actions specific to each participating jurisdiction.

## Plan Maintenance

Plan maintenance is the process established to track the plan's implementation and to aid in updating the plan every five years. These procedures help to ensure that the mitigation strategy is implemented according to the plan. They also provide the foundation for an ongoing mitigation program, standardize long-term monitoring of hazard-related activities, integrate mitigation principles into local officials' daily job responsibilities, and maintain momentum through continued engagement and accountability in the plan's progress.

## Plan Adoption

Each participating jurisdiction seeking plan approval must adopt the plan. Adoption by the local governing body demonstrates the community's commitment to implementing the mitigation strategy and authorizes responsible agencies to execute their actions. The final plan is not approved until the community adopts the plan and FEMA receives documentation of formal adoption by the governing body of the jurisdictions requesting approval.

## Project Leadership

This regional planning effort is being led by the Robeson County Emergency Management, with technical assistance from AECOM. A local Hazard Mitigation Planning Committee made up of local officials, representatives, and stakeholders has been established to guide this process. In addition, local points of contact have been established for each of the four counties as well as all of the participating municipal jurisdictions. Planning committee meetings and open public meetings will be scheduled to occur at key points throughout the project timeline.

## Schedule

The planning process began in January 2020 and a fully updated plan is expected to be ready for review by the North Carolina Division of Emergency Management and the Federal Emergency Management Agency by May 2020. Draft documents will be available on the project information website at various stages in the planning process.

## For More Information

To learn more about this project, or to find out how you can be involved, please contact Stephanie Chavis, Robeson County Emergency Management Coordinator, [stephanie.chavis@co.robesson.nc.us](mailto:stephanie.chavis@co.robesson.nc.us). Additional information and regular updates throughout the duration of this project can be found on the Bladen-Columbus-Robeson Hazard Mitigation Planning website located at

<https://gis.aecomonline.net/IRISK2/NCHMP.aspx?region=2>.



## Appendix F: Public Participation Survey

This appendix to the Bladen Columbus Robeson Regional Hazard Mitigation Plan contains a summary of the results obtained through the public participation survey offered from January to April 2020. The survey was conducted online through SurveyMonkey, an online survey software provider, and was also made available in print form at public meetings and at other locations throughout the planning area. These written responses were added to the online database and are reflected in the summary report provided in this appendix.

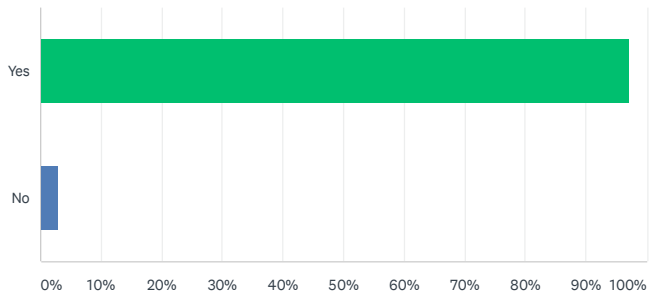
There was a total of 36 surveys completed by the public. Of those 36 surveys, here are some key facts:

- 97% of residents have experienced or been impacted by a disaster.
  - Hurricane was the most common at 97% with Earthquake at the least common at only 1%
- 94% of the residents stated they were very concerned about their community being impacted by Hurricane and 79% stated they were not concerned about Earthquake.
- 37% of the residents ranked *People: Loss of life and/or injuries* as the most vulnerable to being susceptible to natural hazards and 55% ranked *Cultural/Historic: Damage or loss of libraries, museums, historic properties, etc.* as the least vulnerable.
- When asked which assets are most important 94% said *Fire, Police and EMS stations, and Hospitals and Medical Facilities*.
- 97% stated that *protecting critical facilities (hospitals, police stations, fire stations, etc.)* is most important for planning against natural hazards.
- 79% of the residents stated that the *internet (social media)* is the best way for them to receive information about natural hazards. 52-58% also stated *internet (web pages), mobile messages/alerts, mail and newspaper* were the best ways.
- Only 8% of the residents live in a floodplain.
- 82% of the residents have lived in the Bladen Columbus Robeson area for 20 years or more.



Q1 Have you ever experienced or been impacted by a natural disaster?

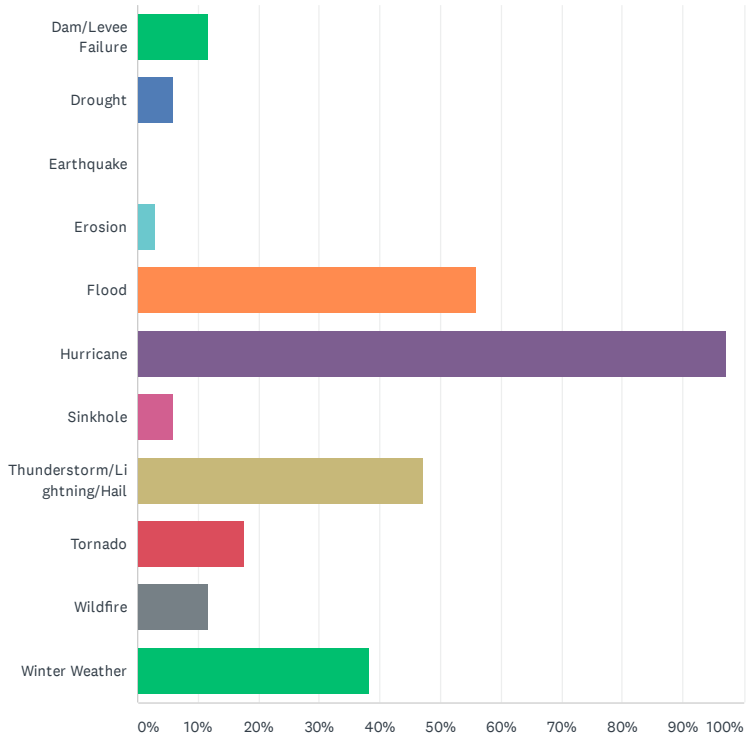
Answered: 35 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	97.14%	34
No	2.86%	1
TOTAL		35

Q2 If yes, Which of these natural hazards have you experienced or been impacted by? (Check all that apply.)

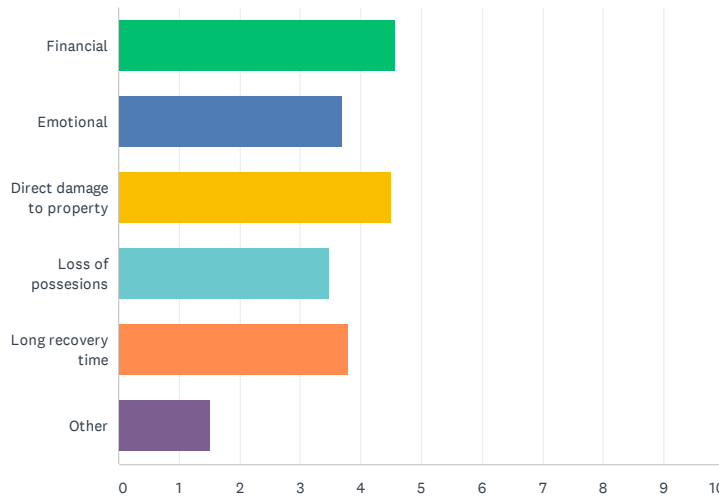
Answered: 34 Skipped: 1



ANSWER CHOICES	RESPONSES	
Dam/Levee Failure	11.76%	4
Drought	5.88%	2
Earthquake	0.00%	0
Erosion	2.94%	1
Flood	55.88%	19
Hurricane	97.06%	33
Sinkhole	5.88%	2
Thunderstorm/Lightning/Hail	47.06%	16
Tornado	17.65%	6
Wildfire	11.76%	4
Winter Weather	38.24%	13
Total Respondents: 34		

Q3 What was the most difficult part for you in recovering from past disasters that you have experienced? (1 being most difficult and 6 being least difficult.)

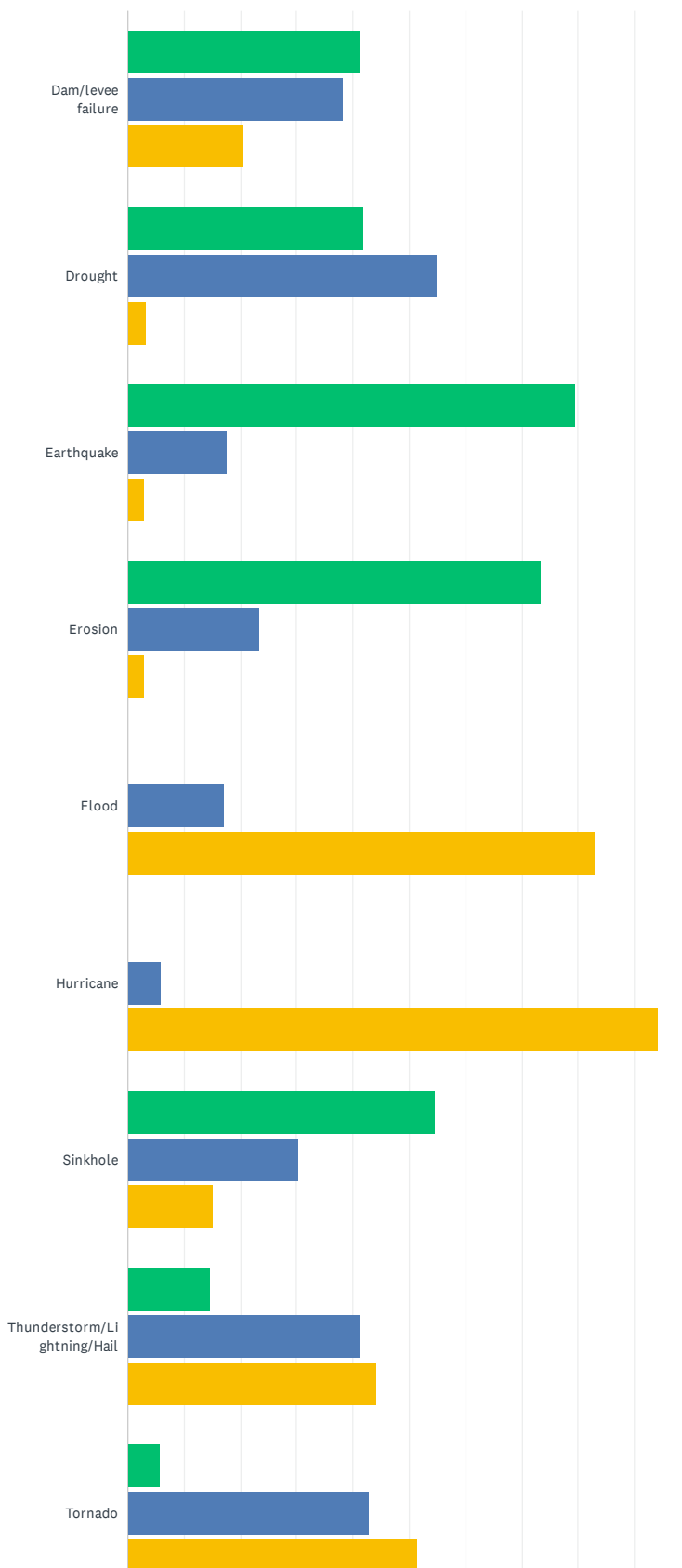
Answered: 33 Skipped: 2



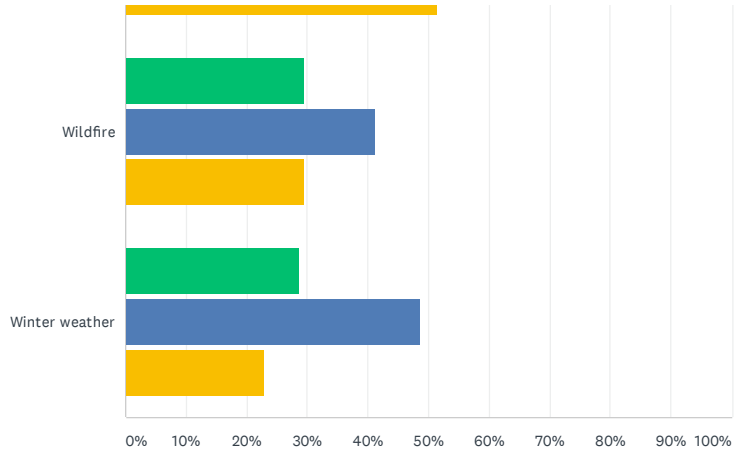
	1	2	3	4	5	6	TOTAL	SCORE
Financial	34.78% 8	17.39% 4	26.09% 6	17.39% 4	0.00% 0	4.35% 1	23	4.57
Emotional	18.18% 4	18.18% 4	18.18% 4	9.09% 2	31.82% 7	4.55% 1	22	3.68
Direct damage to property	41.67% 10	12.50% 3	25.00% 6	4.17% 1	8.33% 2	8.33% 2	24	4.50
Loss of possessions	0.00% 0	26.32% 5	15.79% 3	36.84% 7	21.05% 4	0.00% 0	19	3.47
Long recovery time	13.79% 4	27.59% 8	20.69% 6	6.90% 2	24.14% 7	6.90% 2	29	3.79
Other	0.00% 0	0.00% 0	10.00% 1	10.00% 1	0.00% 0	80.00% 8	10	1.50

Q4 How concerned are you about the possibility of your community being impacted by each of these natural hazards? (Check the corresponding circle for each natural hazard.)

Answered: 35 Skipped: 0



# 2020 Bladen-Columbus-Robeson Regional Hazard Mitigation Plan Update

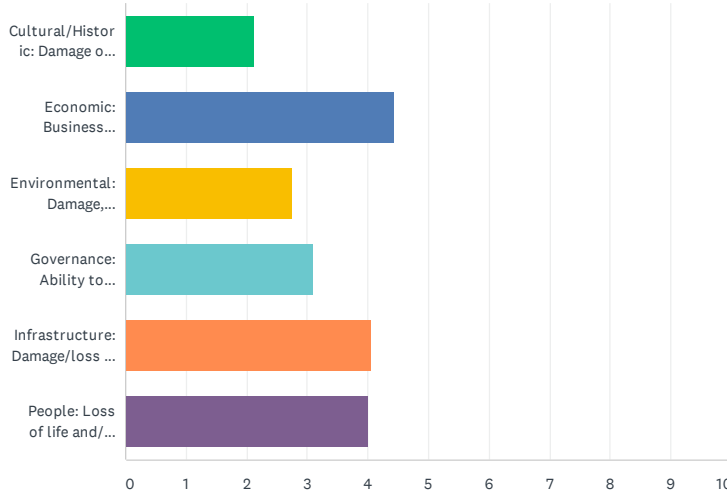


■ Not Concerned 
 ■ Somewhat Concerned 
 ■ Very Concerned

	NOT CONCERNED	SOMEWHAT CONCERNED	VERY CONCERNED	TOTAL	WEIGHTED AVERAGE
Dam/levee failure	41.18% 14	38.24% 13	20.59% 7	34	1.79
Drought	41.94% 13	54.84% 17	3.23% 1	31	1.61
Earthquake	79.41% 27	17.65% 6	2.94% 1	34	1.24
Erosion	73.53% 25	23.53% 8	2.94% 1	34	1.29
Flood	0.00% 0	17.14% 6	82.86% 29	35	2.83
Hurricane	0.00% 0	5.88% 2	94.12% 32	34	2.94
Sinkhole	54.55% 18	30.30% 10	15.15% 5	33	1.61
Thunderstorm/Lightning/Hail	14.71% 5	41.18% 14	44.12% 15	34	2.29
Tornado	5.71% 2	42.86% 15	51.43% 18	35	2.46
Wildfire	29.41% 10	41.18% 14	29.41% 10	34	2.00
Winter weather	28.57% 10	48.57% 17	22.86% 8	35	1.94

Q5 In your opinion, which of the following categories are most susceptible to natural hazards in your community? (Rank the community assets in order of vulnerability, 1 being most vulnerable and 6 being least vulnerable.) Please note, the list will automatically re-order itself as you make your selections. You can also drag and drop the items on the list to reorder them.

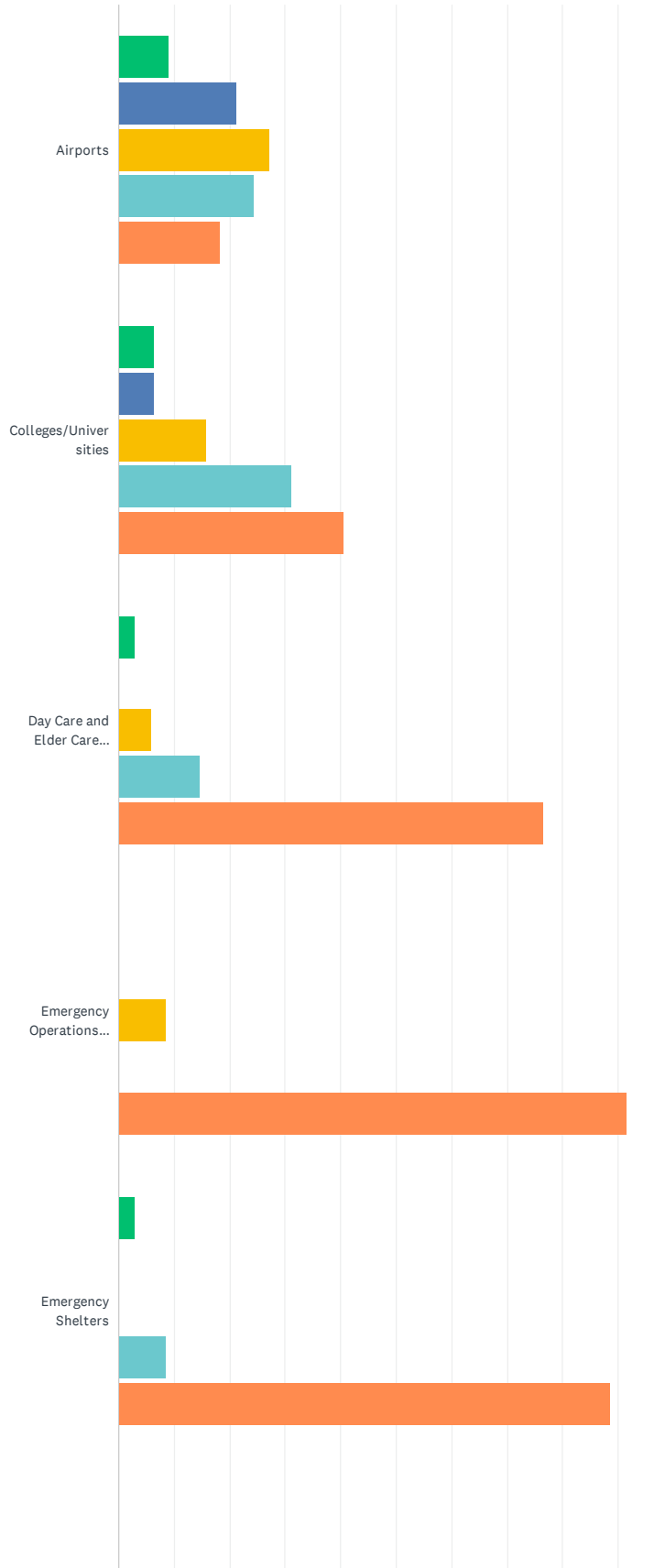
Answered: 35 Skipped: 0



	1	2	3	4	5	6	TOTAL	SCORE
Cultural/Historic: Damage or loss of libraries, museums, historic properties, etc.	7.41% 2	7.41% 2	3.70% 1	7.41% 2	18.52% 5	55.56% 15	27	2.11
Economic: Business interruptions/closures, job losses, etc.	22.22% 6	40.74% 11	11.11% 3	14.81% 4	7.41% 2	3.70% 1	27	4.44
Environmental: Damage, contamination or loss of forests, wetlands, waterways, etc.	0.00% 0	7.14% 2	14.29% 4	35.71% 10	32.14% 9	10.71% 3	28	2.75
Governance: Ability to maintain order and/or provide public amenities and services	3.23% 1	12.90% 4	22.58% 7	22.58% 7	29.03% 9	9.68% 3	31	3.10
Infrastructure: Damage/loss of roads, bridges, utilities, schools, etc.	20.00% 7	20.00% 7	31.43% 11	11.43% 4	8.57% 3	8.57% 3	35	4.06
People: Loss of life and/or injuries	36.36% 12	12.12% 4	12.12% 4	12.12% 4	9.09% 3	18.18% 6	33	4.00

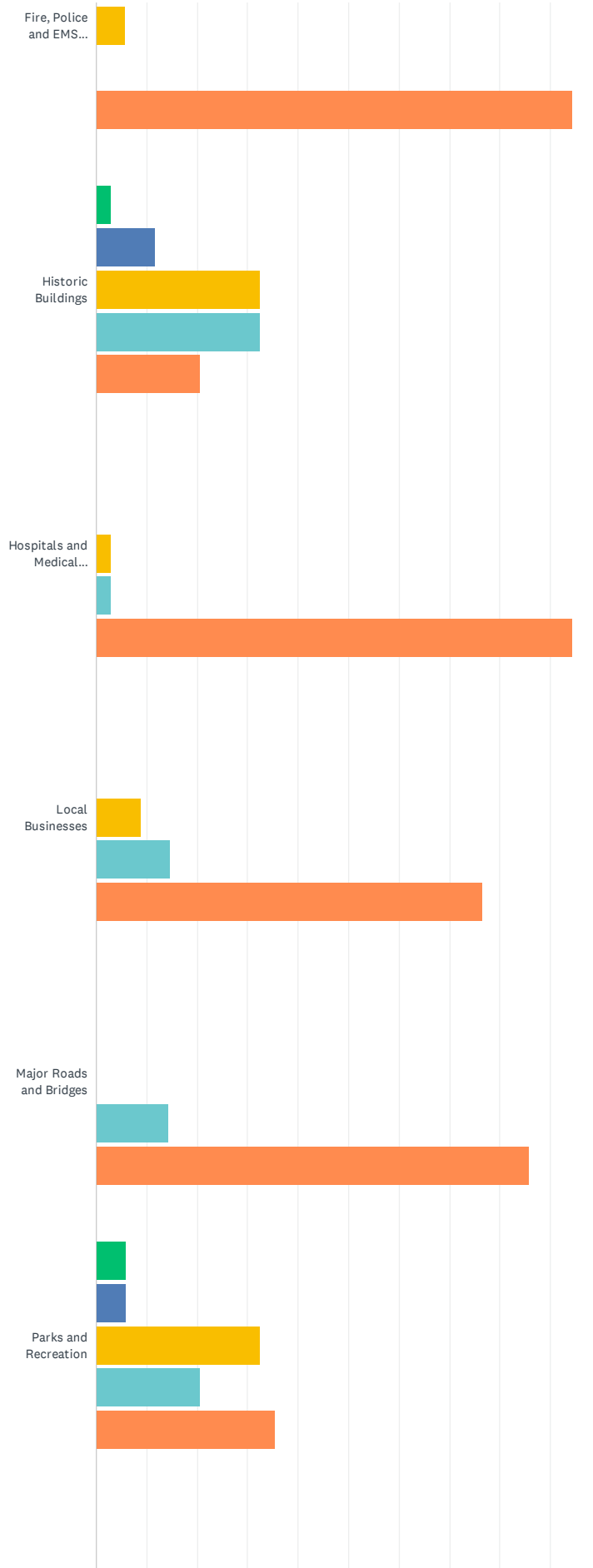
Q6 How important is each of the following specific community assets to you? (Check the appropriate circle for each asset.)

Answered: 35 Skipped: 0

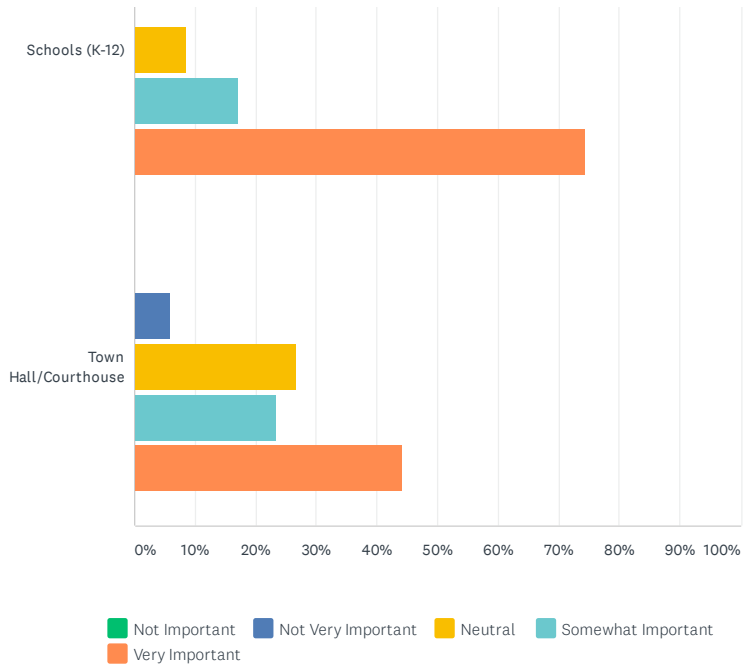




# 2020 Bladen-Columbus-Robeson Regional Hazard Mitigation Plan Update



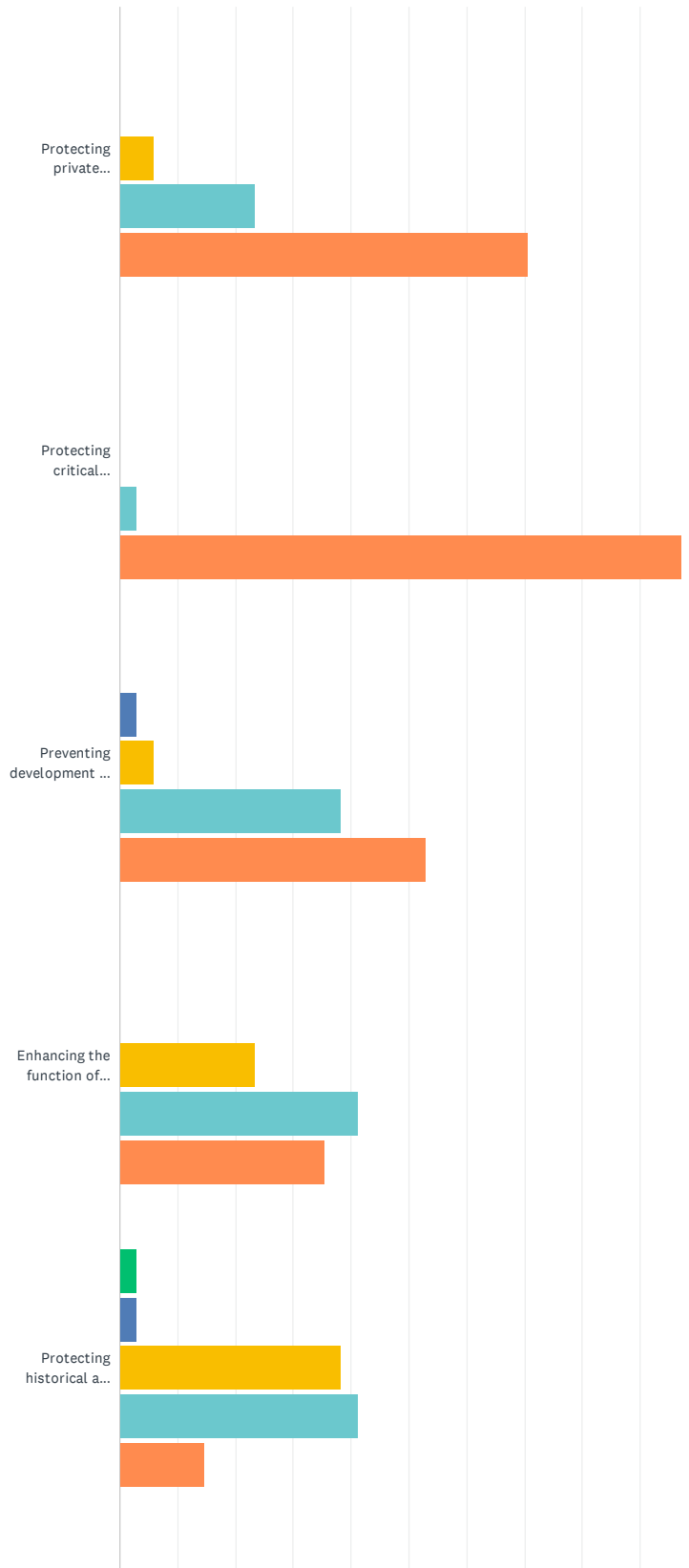
# 2020 Bladen-Columbus-Robeson Regional Hazard Mitigation Plan Update



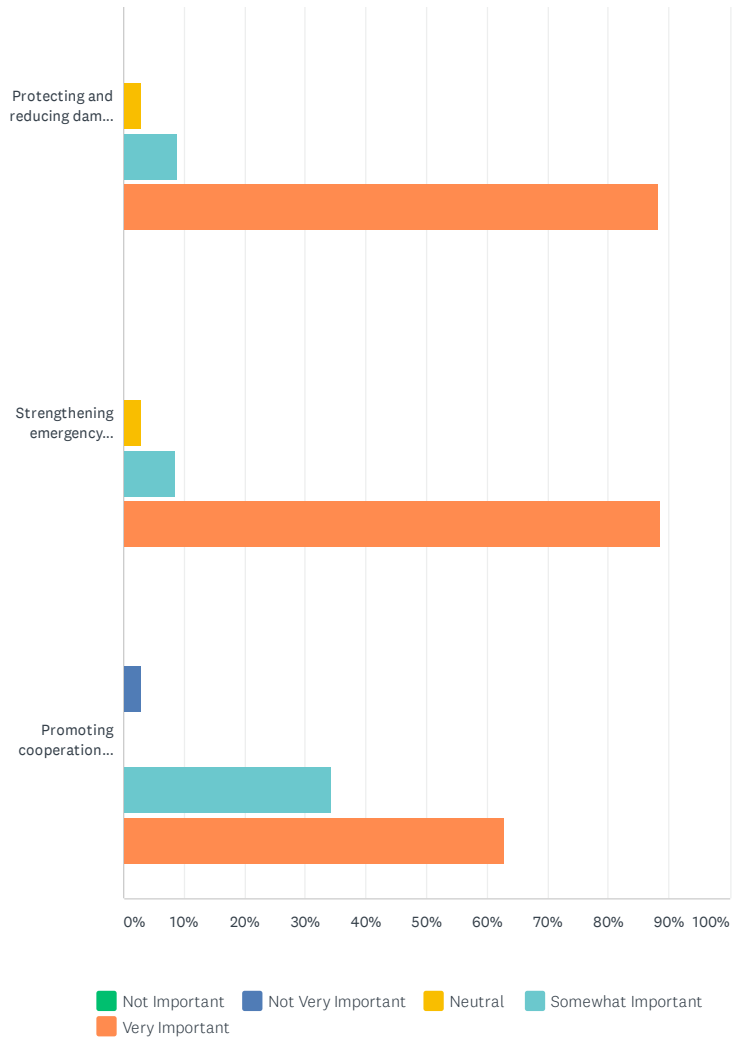
	NOT IMPORTANT	NOT VERY IMPORTANT	NEUTRAL	SOMEWHAT IMPORTANT	VERY IMPORTANT	TOTAL	WEIGHTED AVERAGE
Airports	9.09% 3	21.21% 7	27.27% 9	24.24% 8	18.18% 6	33	3.21
Colleges/Universities	6.25% 2	6.25% 2	15.63% 5	31.25% 10	40.63% 13	32	3.94
Day Care and Elder Care Facilities	2.94% 1	0.00% 0	5.88% 2	14.71% 5	76.47% 26	34	4.62
Emergency Operations Centers	0.00% 0	0.00% 0	8.57% 3	0.00% 0	91.43% 32	35	4.83
Emergency Shelters	2.86% 1	0.00% 0	0.00% 0	8.57% 3	88.57% 31	35	4.80
Fire, Police and EMS Stations	0.00% 0	0.00% 0	5.71% 2	0.00% 0	94.29% 33	35	4.89
Historic Buildings	2.94% 1	11.76% 4	32.35% 11	32.35% 11	20.59% 7	34	3.56
Hospitals and Medical Facilities	0.00% 0	0.00% 0	2.86% 1	2.86% 1	94.29% 33	35	4.91
Local Businesses	0.00% 0	0.00% 0	8.82% 3	14.71% 5	76.47% 26	34	4.68
Major Roads and Bridges	0.00% 0	0.00% 0	0.00% 0	14.29% 5	85.71% 30	35	4.86
Parks and Recreation	5.88% 2	5.88% 2	32.35% 11	20.59% 7	35.29% 12	34	3.74
Schools (K-12)	0.00% 0	0.00% 0	8.57% 3	17.14% 6	74.29% 26	35	4.66
Town Hall/Courthouse	0.00% 0	5.88% 2	26.47% 9	23.53% 8	44.12% 15	34	4.06

Q7 Natural hazards can have a significant impact on a community, but planning for these types of events can help lessen the impacts. Please tell us how important each statement is to you by checking the appropriate circle for each.

Answered: 35 Skipped: 0



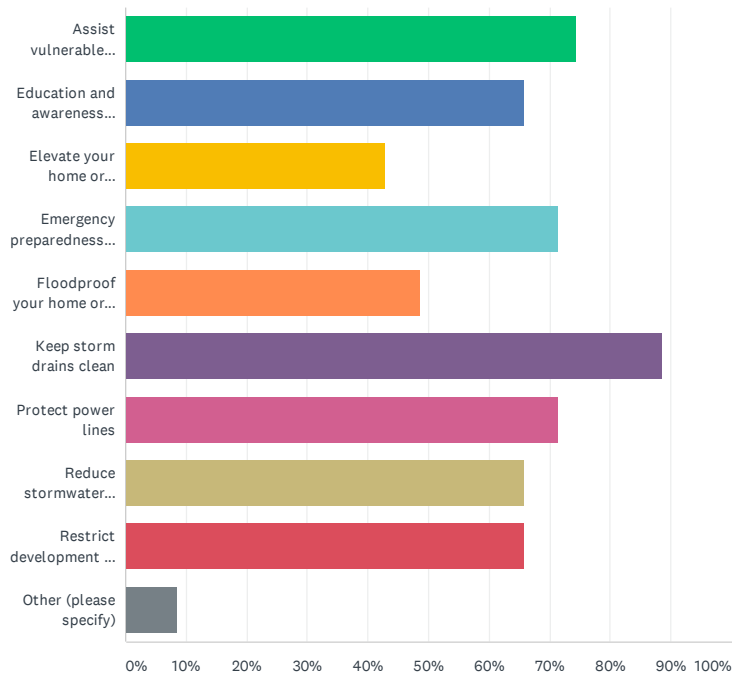
# 2020 Bladen-Columbus-Robeson Regional Hazard Mitigation Plan Update



	NOT IMPORTANT	NOT VERY IMPORTANT	NEUTRAL	SOMEWHAT IMPORTANT	VERY IMPORTANT	TOTAL	WEIGHTED AVERAGE
Protecting private property	0.00% 0	0.00% 0	5.88% 2	23.53% 8	70.59% 24	34	4.65
Protecting critical facilities (for example, hospitals, police stations, fire stations, etc.)	0.00% 0	0.00% 0	0.00% 0	2.86% 1	97.14% 34	35	4.97
Preventing development in hazard areas	0.00% 0	2.94% 1	5.88% 2	38.24% 13	52.94% 18	34	4.41
Enhancing the function of natural features (for example, streams, wetlands, etc.)	0.00% 0	0.00% 0	23.53% 8	41.18% 14	35.29% 12	34	4.12
Protecting historical and cultural landmarks	2.94% 1	2.94% 1	38.24% 13	41.18% 14	14.71% 5	34	3.62
Protecting and reducing damage to utilities	0.00% 0	0.00% 0	2.94% 1	8.82% 3	88.24% 30	34	4.85
Strengthening emergency services (for example, police, fire, ambulance)	0.00% 0	0.00% 0	2.86% 1	8.57% 3	88.57% 31	35	4.86
Promoting cooperation among public agencies, citizens, non-profit organizations, and businesses	0.00% 0	2.86% 1	0.00% 0	34.29% 12	62.86% 22	35	4.57

Q8 What are some steps that you and/or your local government could take to reduce or eliminate the risk of future natural hazard damages in your neighborhood?

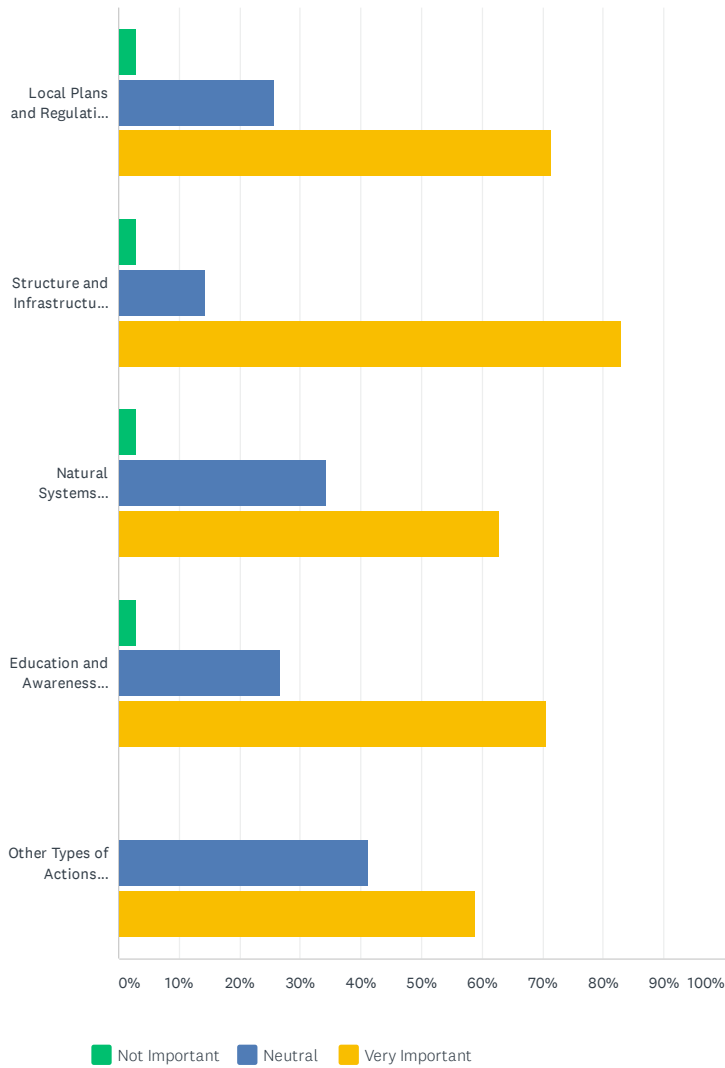
Answered: 35 Skipped: 0



ANSWER CHOICES	RESPONSES	
Assist vulnerable populations	74.29%	26
Education and awareness activities	65.71%	23
Elevate your home or business	42.86%	15
Emergency preparedness kits	71.43%	25
Floodproof your home or business	48.57%	17
Keep storm drains clean	88.57%	31
Protect power lines	71.43%	25
Reduce stormwater runoff	65.71%	23
Restrict development in floodplain areas	65.71%	23
Other (please specify)	8.57%	3
Total Respondents: 35		

Q9 A number of community-wide activities can reduce risk from natural hazards. Please tell us how important you think each one is for your community to consider pursuing.

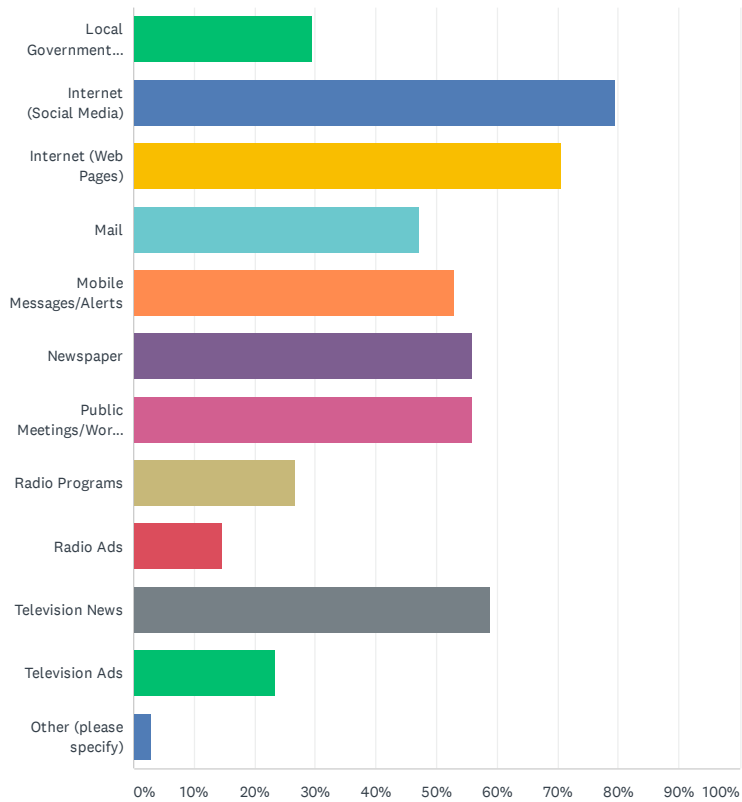
Answered: 35 Skipped: 0



	NOT IMPORTANT	NEUTRAL	VERY IMPORTANT	TOTAL	WEIGHTED AVERAGE
Local Plans and Regulations (Government policies or codes that influence the way land and buildings are developed and built.)	2.86% 1	25.71% 9	71.43% 25	35	2.69
Structure and Infrastructure Projects (Modifying existing structures and infrastructure to protect them from a hazard or remove them from a hazard area.)	2.86% 1	14.29% 5	82.86% 29	35	2.80
Natural Systems Protection (Actions that minimize damage and losses and also preserve or restore the functions of natural systems.)	2.86% 1	34.29% 12	62.86% 22	35	2.60
Education and Awareness Programs (Actions that inform and educate citizens, elected officials and property owners about hazards and potential ways to mitigate them.)	2.94% 1	26.47% 9	70.59% 24	34	2.68
Other Types of Actions (Actions that are related to mitigation in ways that make sense to the local government that do not fall into one of the categories above.)	0.00% 0	41.18% 14	58.82% 20	34	2.59

Q10 What are the most effective ways for you to receive information about how to make your home and neighborhood more resistant to natural hazards?

Answered: 34 Skipped: 1

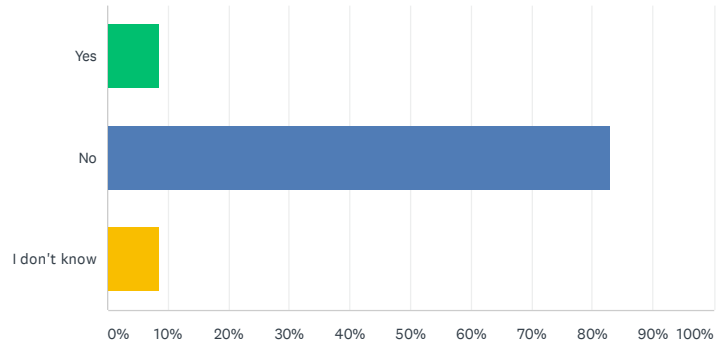


ANSWER CHOICES	RESPONSES	
Local Government Channel	29.41%	10
Internet (Social Media)	79.41%	27
Internet (Web Pages)	70.59%	24
Mail	47.06%	16
Mobile Messages/Alerts	52.94%	18
Newspaper	55.88%	19
Public Meetings/Workshops	55.88%	19
Radio Programs	26.47%	9
Radio Ads	14.71%	5
Television News	58.82%	20
Television Ads	23.53%	8
Other (please specify)	2.94%	1
Total Respondents: 34		



### Q11 Is your home located in a floodplain?

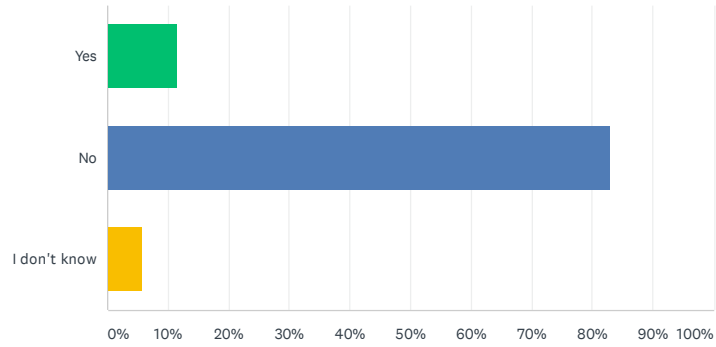
Answered: 35 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	8.57%	3
No	82.86%	29
I don't know	8.57%	3
<b>TOTAL</b>		<b>35</b>

### Q12 Do you have flood insurance?

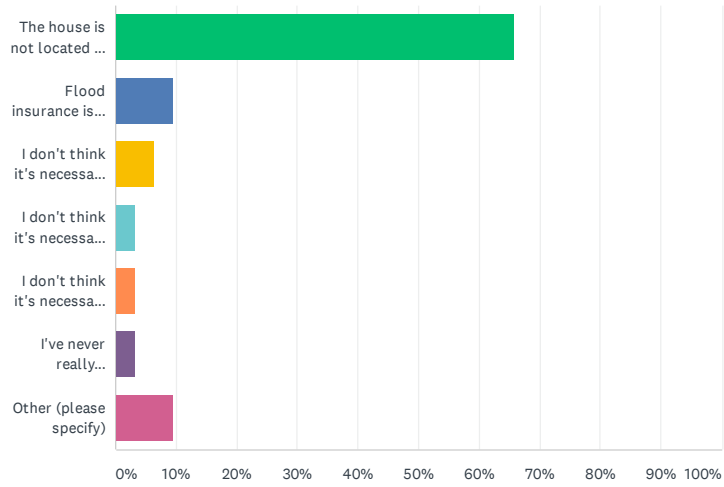
Answered: 35 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes	11.43%	4
No	82.86%	29
I don't know	5.71%	2
<b>TOTAL</b>		<b>35</b>

### Q13 If "No," why not?

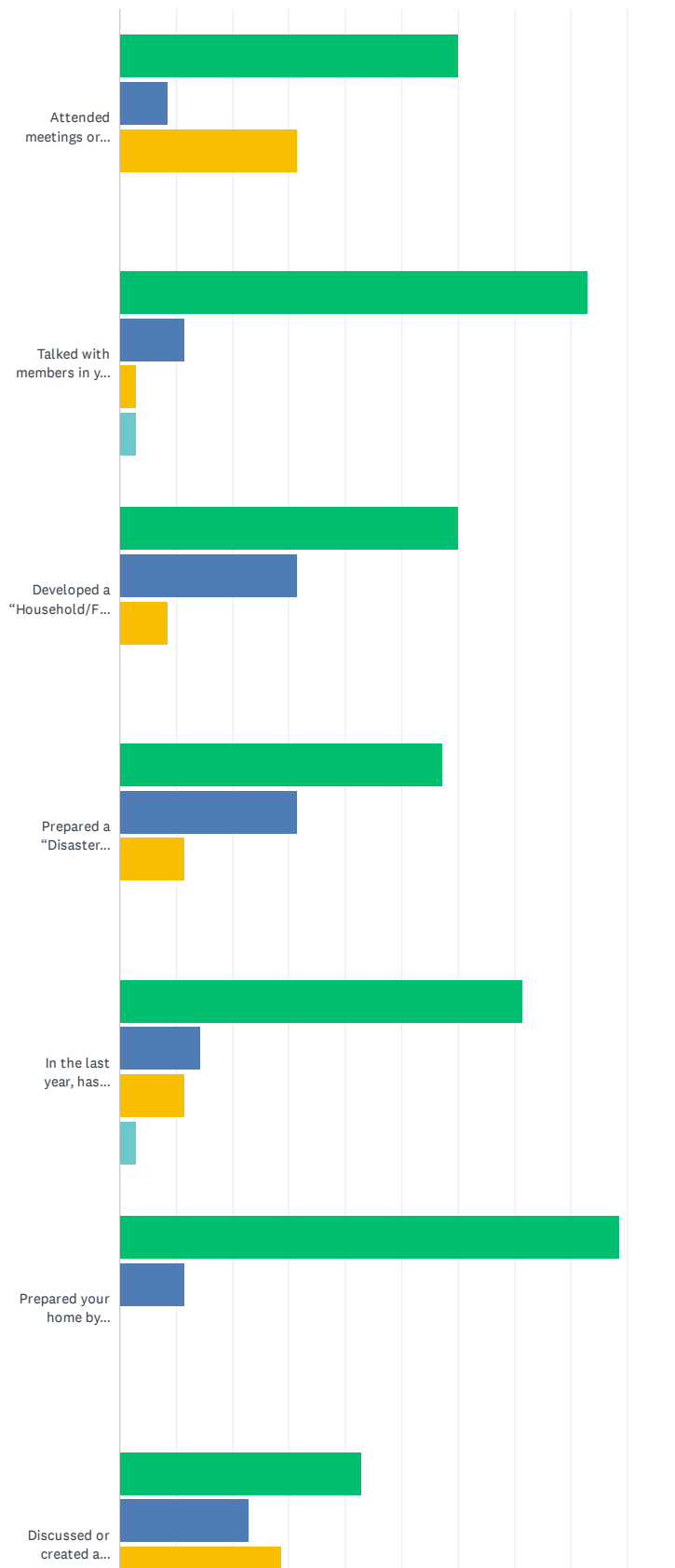
Answered: 32 Skipped: 3



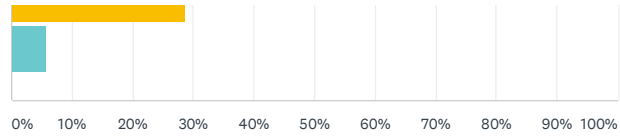
ANSWER CHOICES	RESPONSES	
The house is not located in a floodplain	65.63%	21
Flood insurance is too expensive	9.38%	3
I don't think it's necessary because it never floods	6.25%	2
I don't think it's necessary because I'm elevated or otherwise protected	3.13%	1
I don't think it's necessary because I have homeowners insurance	3.13%	1
I've never really considered it	3.13%	1
Other (please specify)	9.38%	3
<b>TOTAL</b>		<b>32</b>

Q14 In the following list, please check the activities that you have done in your household, plan to do in the near future, have not done, or are unable to do. (Please check one response for each preparedness activity.)

Answered: 35 Skipped: 0



## 2020 Bladen-Columbus-Robeson Regional Hazard Mitigation Plan Update

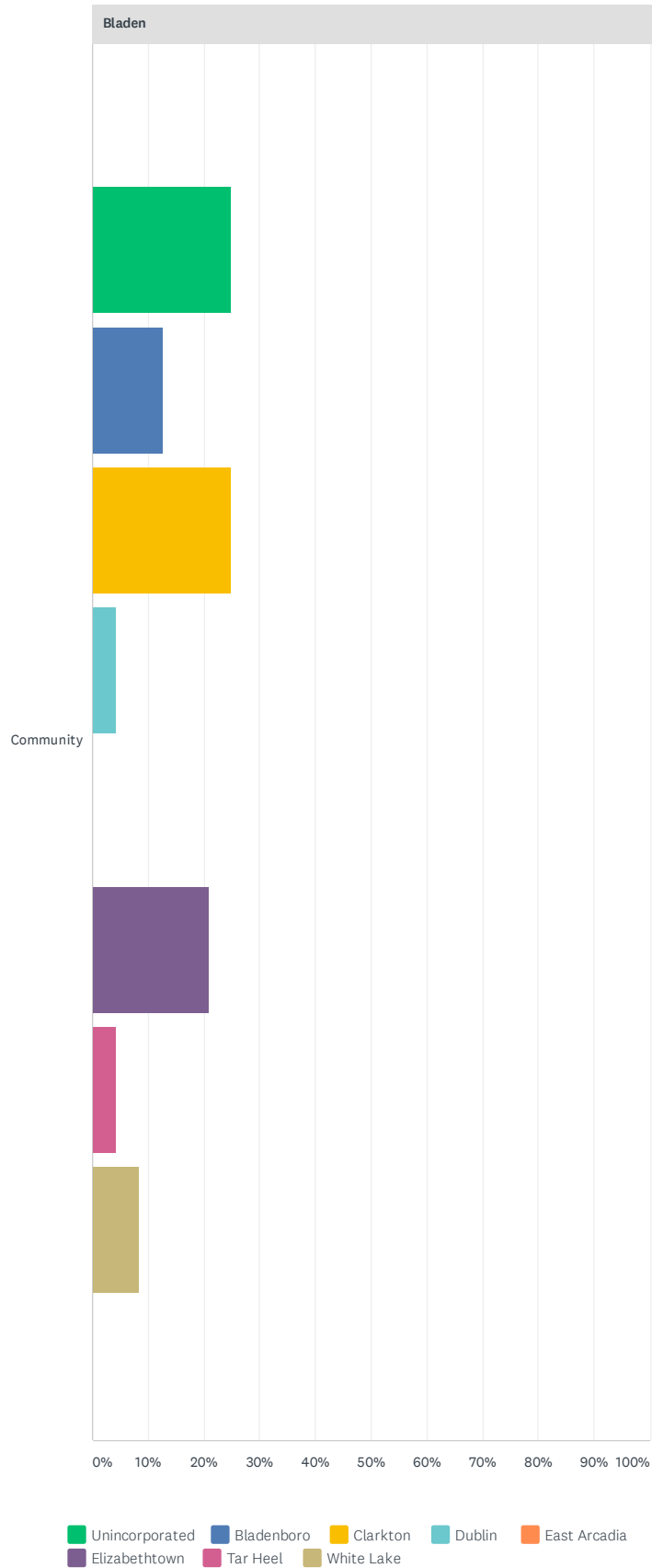


■ Have Done 
 ■ Plan To Do 
 ■ Not Done 
 ■ Unable To Do

	HAVE DONE	PLAN TO DO	NOT DONE	UNABLE TO DO	TOTAL
Attended meetings or received written information on natural disasters or emergency preparedness?	60.00% 21	8.57% 3	31.43% 11	0.00% 0	35
Talked with members in your household about what to do in case of a natural disaster or emergency?	82.86% 29	11.43% 4	2.86% 1	2.86% 1	35
Developed a "Household/Family Emergency Plan" in order to decide what everyone would do in the event of a disaster?	60.00% 21	31.43% 11	8.57% 3	0.00% 0	35
Prepared a "Disaster Supply Kit" (stored extra food, water, batteries or other emergency supplies)?	57.14% 20	31.43% 11	11.43% 4	0.00% 0	35
In the last year, has anyone in your household been trained in First Aid or Cardio-Pulmonary Resuscitation (CPR)?	71.43% 25	14.29% 5	11.43% 4	2.86% 1	35
Prepared your home by installing smoke detectors on each level of the house?	88.57% 31	11.43% 4	0.00% 0	0.00% 0	35
Discussed or created a utility shutoff procedure in the event of a natural disaster?	42.86% 15	22.86% 8	28.57% 10	5.71% 2	35

### Q15 In which community do you live?

Answered: 34 Skipped: 1

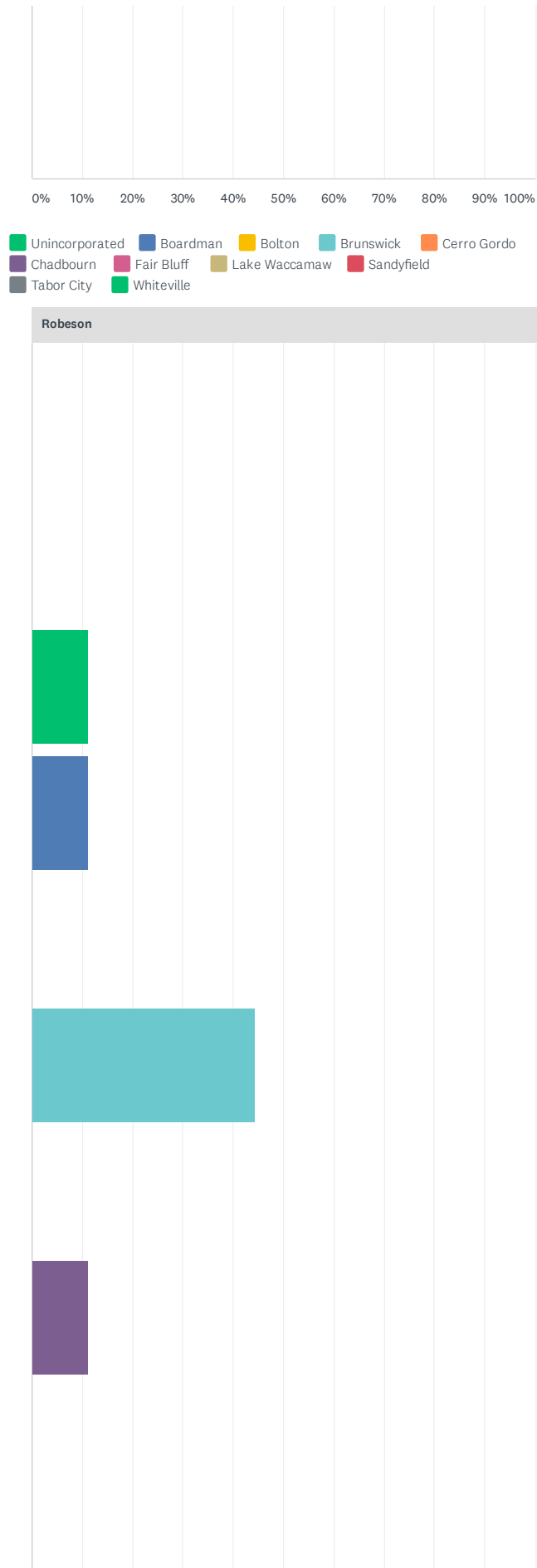


Columbus

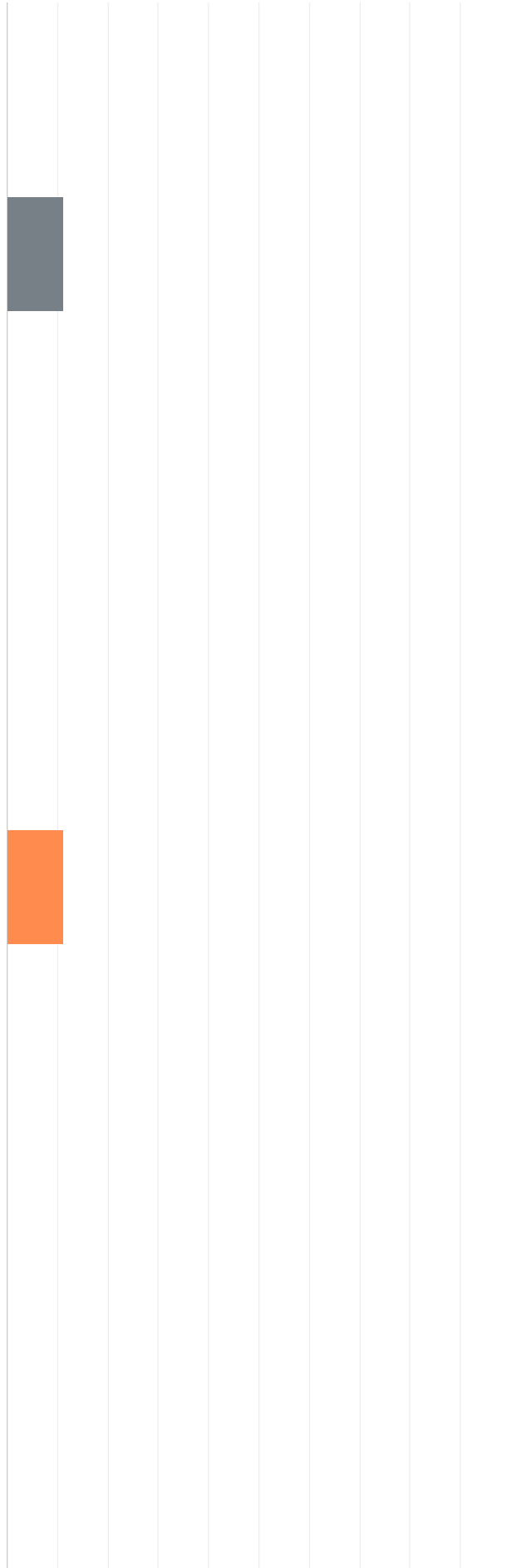




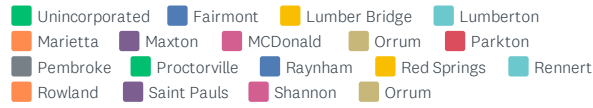
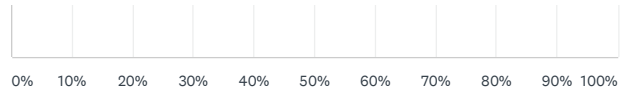
# 2020 Bladen-Columbus-Robeson Regional Hazard Mitigation Plan Update



Community



# 2020 Bladen-Columbus-Robeson Regional Hazard Mitigation Plan Update



Bladen										
	UNINCORPORATED	BLADENBORO	CLARKTON	DUBLIN	EAST ARCADIA	ELIZABETHTOWN	TAR HEEL	WHITE LAKE	TOTAL	
Community	25.00% 6	12.50% 3	25.00% 6	4.17% 1	0.00% 0	20.83% 5	4.17% 1	8.33% 2	24	

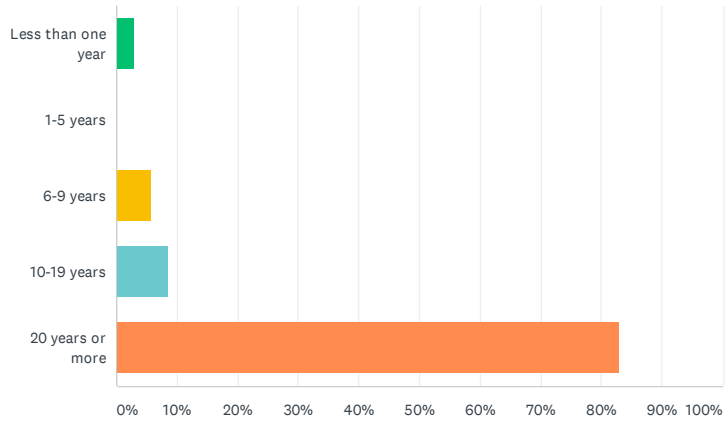
Columbus										
	UNINCORPORATED	BOARDMAN	BOLTON	BRUNSWICK	CERRO GORDO	CHADBOURN	FAIR BLUFF	LAKE WACCAMAW	SANDYFIELD	TAB CITY
Community	100.00% 1	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0	0.00% 0

Robeson										
	UNINCORPORATED	FAIRMONT	LUMBER BRIDGE	LUMBERTON	MARIETTA	MAXTON	MCDONALD	ORRUM	PARKTON	PEMBROKE
Community	11.11% 1	11.11% 1	0.00% 0	44.44% 4	0.00% 0	11.11% 1	0.00% 0	0.00% 0	0.00% 0	11.11% 1

Q16 How long have you lived in the Bladen-Columbus-Robeson region?

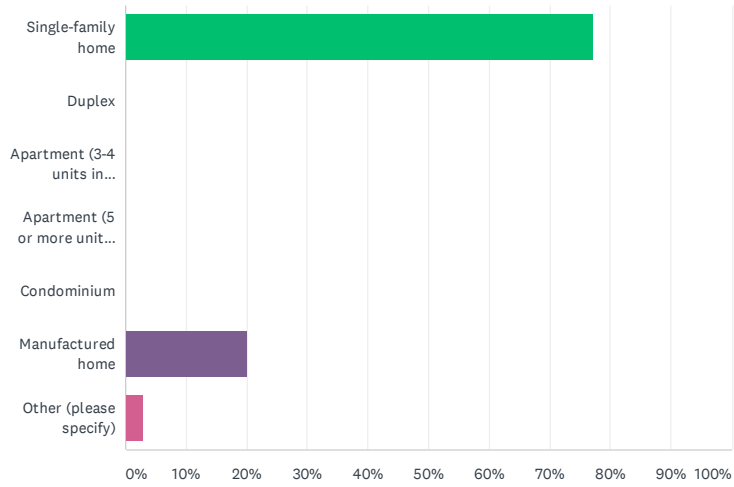
Answered: 35 Skipped: 0



ANSWER CHOICES	RESPONSES	
Less than one year	2.86%	1
1-5 years	0.00%	0
6-9 years	5.71%	2
10-19 years	8.57%	3
20 years or more	82.86%	29
<b>TOTAL</b>		<b>35</b>

### Q17 What type of building do you live in?

Answered: 35 Skipped: 0



ANSWER CHOICES	RESPONSES	
Single-family home	77.14%	27
Duplex	0.00%	0
Apartment (3-4 units in structure)	0.00%	0
Apartment (5 or more units in structure)	0.00%	0
Condominium	0.00%	0
Manufactured home	20.00%	7
Other (please specify)	2.86%	1
<b>TOTAL</b>		<b>35</b>

## Q18 Additional Comments

Answered: 2 Skipped: 33

BLADEN-COLUMBUS-ROBESON  
 REGIONAL HAZARD MITIGATION PLAN  
 PUBLIC MEETING

**AECOM**



March 6, 2020, 12:00 p.m. to 1:00 p.m.

PLEASE PRINT INFORMATION REQUESTED BELOW

NAME	PHONE	EMAIL
Curtis Hill	989-297-1533	Curtis.hill@disabilityhighsnc.org
A. W. W. W.	910-1740-9188	P.O. Box 713 Lumberton, NC

# Appendix G: Meeting Files



# **Bladen Columbus Robeson Regional Hazard Mitigation Plan**

## **Project Kickoff Meeting**

Wednesday, January 15th, 2019

1:30 p.m. – 3:30 p.m.

608 N. Thompson St, Whiteville, NC 28472

Columbus County Emergency Services Emergency Operations Center

## **AGENDA**

1. Welcome and Introductions
2. Project Overview
  - Purpose, scope and schedule
  - Roles and responsibilities
3. Plan Update Process
  - Planning team organization, including official adoption
  - Leveraging existing resources
  - Communication, including websites, social media, etc.
4. Review and Discussion of Existing Plan
5. Capability Assessment Surveys
6. Public Participation Survey
  - Public outreach and stakeholder engagement strategy
  - Discussion of questions to ask the public
7. Mitigation Goals
  - Review existing mitigation goals
8. “Mayor for a Day”
  - Hazard identification and assessment exercise
  - Includes discussion of existing and new hazards
9. Break
10. Exercise Results and Discussion

## 11. Mitigation Action Plans

- Creation of new actions
- Update of existing actions

## 12. Maintaining Momentum and Implementing the Plan

- Keeping the public and stakeholders involved
- Plan Maintenance Procedures

## 13. Reviewing the Final Draft

- Status on plan sections
- Review/comment process
- Suggested areas of focus

## 14. Questions and Open Discussion

- Potential opportunities for this plan update
- Potential obstacles or barriers
- Other local issues, concerns or ideas

## 15. Next Steps

- Discuss time/date/location for Hazard Mitigation Planning Team Meeting #2

BLADEN-COLUMBUS-ROBESON REGIONAL HAZARD  
MITIGATION PLAN KICKOFF MEETING

January 15, 2020, 1:30 p.m. to 3:30 p.m.

PLEASE PRINT INFORMATION REQUESTED BELOW

**AECOM**



NAME	TITLE/AFFILIATION	PHONE	EMAIL
David Prince	Town of Leno Gordo Councilman, Pro-Tem	654 5387 910 <del>5387</del>	gth@enbarqmail.com
Amber B. Davis	Robeson County Hazard Mitigation	910-272-6521	amber.britt@co.robson.nc.us
Dixon Levy	Robeson County Director of Community Development	910-272-6521	dixon.levy@co.robson.nc.us
Yvettie Caulder	Robeson County Asst. Director	671-3150	yvettie.caulder@co.robson.nc.us
Greg Elkins	Bladen County Planning Director	910 862-6905	gelkins@bladenco.org
David Ransom	Columbus County Emergency Services	910.640.6610	wdranson@columbusco.org
Mike Stephens	Col. Co. Manager	910-640-6630	mstephens@columbusco.org

BLADEN-COLUMBUS-ROBESON REGIONAL HAZARD  
MITIGATION PLAN KICKOFF MEETING

**AECOM**



NAME	TITLE/AFFILIATION	PHONE	EMAIL
Billy Hammond	Mayor Fair Blk H=	910 625-9365	townofairbluff@rsnet.org
Paula Kempton	Project Manager	910-649-7426	Plk@rsnet.org
Alyssa Debelly	ES Director	910 649 6100	kworley@cdlumbusco.org
Brenda Clark	White Lake NCEM	910-862-4800	bclark@whitelakenc.org
Robin Lorenzen	Area 5 Coordinator	910-530-5231	robin.lorenz@ncdps.gov
Sermy Savigna	Columbus Reg. Healthcare System	910-398-0223	jsavigna@crhealthcare.org
Hel Louder	Whiteville Emerg. Svcs.	910-640-1380	hlouder@ci.whiteville.nc.us
Bill French	Lumberston Emerg. Svcs	910)671-3946	bfrench@ci.lumberston.nc.us

BLADEN-COLUMBUS-ROBESON REGIONAL HAZARD  
MITIGATION PLAN KICKOFF MEETING

**AECOM**



NAME	TITLE/AFFILIATION	PHONE	EMAIL
BRANDON LOVE	DEPUTY CITY MANAGER CITY OF LUMBERTON	910-671-3805	blove@ci.lumberton.nc.us
Pat Garrell	Ineria Town Mgr	910-664-4148	
Jerome Chestert	Asst Town Mgr Chadbourn	910-654-4148	mgmangor@townofchadbourn.com
Shyla Beglas	LHUC Fellow Penlake	910-521-9758	shyla@penlakeharc.com
Dennis Freeman	Town of Maxton	910 790-3697	hdennis@yahoo.com
James Jackson	Town of Maxton	910-733-6099	JamesJackson3278@gmail.com
Sam Allip	<del>Bladen</del> County Columbus Planning Dir.	640-2851	Sa/Sup@columbusco.org
Claudia Bray	Town of Sandfield	655-9877	Sandfield_bray@bellsouth.net



BLADEN-COLUMBUS-ROBESON REGIONAL HAZARD  
MITIGATION PLAN KICKOFF MEETING

**AECOM**



NAME	TITLE/AFFILIATION	PHONE	EMAIL
Ryan Fenlon	CEAC Town of Fairmont	910-640-8386	R.Fenlon@FairmontNC.com
Frank Wilson	Town of Bolton	910-640-8386	T.BLESS@aol.com
Jason King	Astco Mgr	910-516-2402	jasonking@astco.com
NATHAN DOWESS	BLADEN COUNTY EMERGENCY SERVICES	910-874-1137	ndowess@bladenco.org
Darryl Brier	Safe Water Services Food City	910-644-5700	LWVOLF@sbmbergmail.com
Jacazza Jones	NCEM Hazard Mitigation	919-825-2592	jacazza.jones@ncdps.gov

# Bladen-Columbus-Robeson Regional Hazard Mitigation Plan Kickoff Meeting

Kelly Keefe – Lead Planner

Brent Edwards – Planner

# Agenda

- Project Overview
- Capability Assessments
- Public Participation Survey
- Mitigation Goals
- Hazard Exercise
- Mitigation Actions
- Review of Final Draft
- Adoption Process
- Next Steps
- Open Discussion



# Vision and Purpose

## – Goal of hazard mitigation planning:

Make communities hazard and disaster resilient

## – Purpose

Identify local policies and actions that can be implemented over the long term to reduce risk and future losses from hazards

## Vision and Purpose

- Comprehensive hazard mitigation planning prepares a community to:
  - Protect lives and property
  - Avoid damages and save dollars
  - Reduce or eliminate future damages by guiding new development
  - Speed post-disaster recovery
  - Avoid interruptions caused by hazards



# Mitigation Planning Cycle



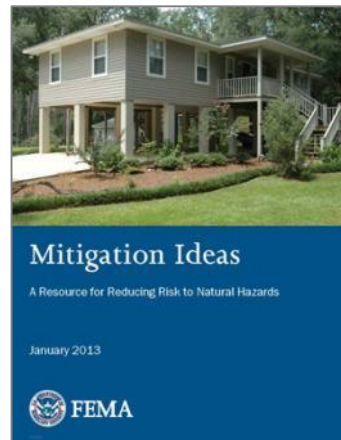
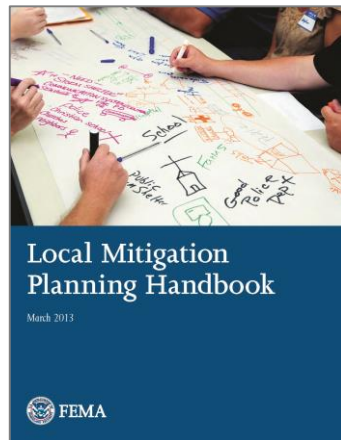
# Where are we in Process?

- Initiated Kickoff Meeting
- Identified Planning Team
- Create initial DRAFT plan
  - Review Goals
  - Review Hazards
  - Discuss Actions
  - Discuss Capabilities
  - ❖ Provide Specific Comments

# Planning Resources

- FEMA planning guidance

- *Local Mitigation Planning Handbook*
- *Mitigation Ideas*
- *Integrating Hazard Mitigation Into Local Planning*

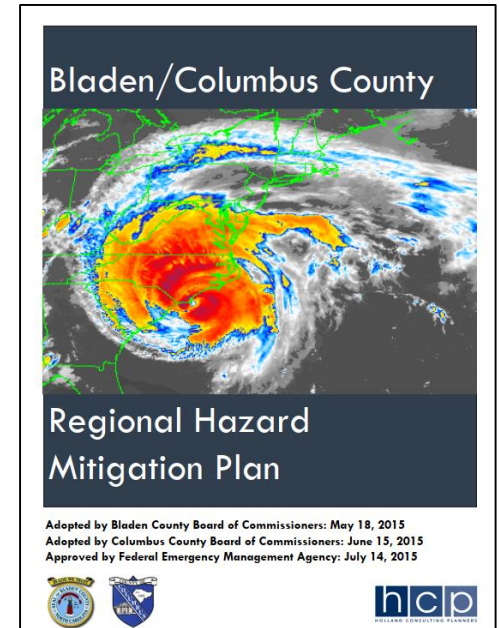
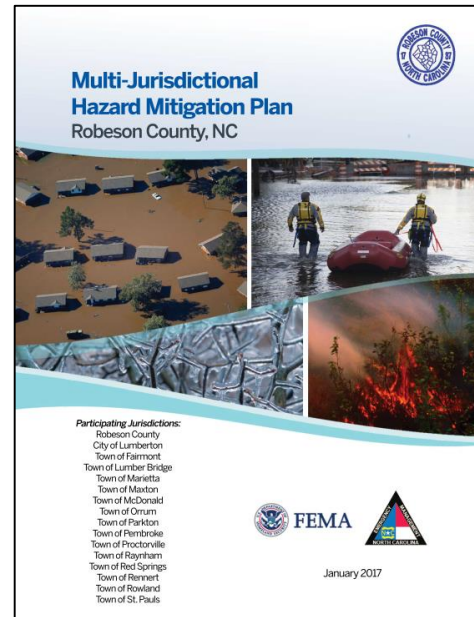


- Links to other online planning resources

# Review of Existing Plan

# Review and Discussion of Existing Plans

- Bladen-Columbus Regional Hazard Mitigation Plan 2015
- Robeson County Multi-Jurisdictional Hazard Mitigation Plan 2017



# Capability Assessment



# Capability Assessment Survey

- Planning and regulatory capability
- Administrative and technical capability
- Fiscal capability
- Education and outreach capability
- Political capability
- Self assessment

# Local Capability Assessment Survey Methodology

- Point system for capability ranking
  - 0-29 points = Limited overall capability
  - 30-59 points = Moderate overall capability
  - 60-100 points = High overall capability

# Public Outreach Strategy

# Public Outreach Strategy

- **Goals**
  - Generate public interest
  - Solicit citizen input
  - Engage additional partners in the planning process
- **Identification of specific opportunities for participation**
  - In-person meetings
  - Project information website
  - Web-based survey(s)
  - Social media (Facebook, Twitter, RSS, etc.)
- **Products/resources**
  - Project information fact sheet

# Mitigation Strategy

# Mitigation Strategy

- Strategies
- Goals
- Objectives
- Actions

# Vision Statement

- Captures the overall purpose of the planning process
- Expresses the outcome that the participating jurisdictions seek to accomplish as the plan is implemented
- Helps drive the planning process
- Unites the planning team around a common purpose
- Provides a foundation for the rest of the planning process
- Communicates the reason for the plan to stakeholders, elected officials and the public

## Vision Statement

*“Through a coordinated regional planning effort, create and implement an effective hazard mitigation plan that will identify and prioritize risk reduction measures for natural hazards in order to protect the health, safety, quality of life, environment, and economy of the Bladen-Columbus-Robeson area.”*



# Goals

- Goal #1 - Reduce the risk of loss of life and personal injury from natural hazards.
- Goal #2 - Reduce the risk and impact of future natural disasters by regulating development in known high hazard areas.
- Goal #3 - Pursue funds to reduce the risk of natural hazards to existing developments where such hazards are clearly identified and the mitigation efforts are cost-effective.
- Goal #4 - Ensure that hazard mitigation is considered when redevelopment occurs after a natural disaster.
- Goal #5 - Provide education to citizens that will empower them to protect themselves and their families from natural hazards.
- Goal #6 - Protect the fragile natural and scenic areas of the County, particularly those areas that protect drinking water supplies. Protect and preserve the natural resources and environmentally sensitive areas within the region.
- Promote the public health, safety, and general welfare of residents and minimize public and private losses due to natural hazards. (Floodplain Damage Prevention Ordinances, Land Use Plans)
- Reduce the risk and impact of future natural disasters by regulating development in known high hazard areas. (Floodplain Damage Prevention Ordinances, Zoning Ordinances, Subdivision Ordinances)
- Pursue funds to reduce the risk to natural hazards to existing development where such hazards are clearly identified and the mitigation efforts are cost-effective.
- Effectively expedite post-disaster response, reconstruction, and recovery.
- Provide education to citizens that empower them to protect themselves and their families from natural hazards and improve emergency notification.
- Protect fragile natural and scenic areas within the planning jurisdictions (Zoning/Subdivision Ordinances and Land Use Plans)

# Hazards Addressed

- Dam/Levee Failure
- Drought
- Earthquake
- Erosion
- Flood
- Hurricane and Tropical Storm
- Winter Weather
- Sinkhole
- Thunderstorm, Lightning and Hail
- Tornado
- Wildfire

# Hazard Identification Exercise



**MAYOR**  
FOR A DAY



# Hazard Identification Exercise Results



**MAYOR**  
FOR A DAY



# Mitigation Action Plans

# Actions

- Discuss Actions

- ? What is the best process of completion?
- ? What is each action's priority? (High/Medium/Low)
- ? What is action's funding source?
- ? What is needed to complete the action? (funding/resources)

# Plan Maintenance Procedures

## Plan Maintenance Questions

- What will be the schedule for any ongoing meetings of the HMPC, prior to the next 5-year plan update?
  - Annual meetings, bi-annual meetings, “as-needed” meetings, etc.
- To what extent will you seek to integrate the regional plan with other local plans, policies and programs?
  - Comprehensive plans, land use plans, emergency operations plans, etc.
- What other implementation strategies can you use?



# Draft Review

# Adoption Process

## Next Steps

- AECOM to receive information discussed to incorporate
- Create draft plan
- Discussion on next meeting and public meeting

Questions?

Thank You!

[kelly.keefe@aecom.com](mailto:kelly.keefe@aecom.com)

[brent.edwards@aecom.com](mailto:brent.edwards@aecom.com)

# **Bladen-Columbus-Robeson Regional Hazard Mitigation Plan**

## **Hazard Mitigation Planning Committee Meeting #2**

March 6<sup>th</sup>, 2020

9:30 a.m.–11:30 a.m.

Robeson County ECO Training Room  
38 Legend Drive, Lumberton, NC 28358

### **AGENDA**

1. Welcome and Introductions
2. Risk Assessment Discussion
3. Capability Assessment Update
4. Updating Mitigation Action Plans (MAP)
5. Break
6. Review and Update Process
7. Adoption Process
8. Open Discussion
9. Next Steps

BLADEN-COLUMBUS-ROBESON REGIONAL HAZARD  
MITIGATION PLAN MEETING #2

**AECOM**



February 20, 2020, 1:30 p.m. to 3:30 p.m.

PLEASE PRINT INFORMATION REQUESTED BELOW

NAME	TITLE/AFFILIATION	PHONE	EMAIL
Mattie Auld	Assist Director Robeson	671-3150	Mattie.Auld@co-robson.nc.us
David Fanson	Deputy Director Columbus Co. ES	910.640.6610	dfanson@columbusco.org
Kay Worley	Director Columbus Co. ES	910.640.6600	kworley@columbusco.org
Bee Stovall	Superintendent Town Manager	671-3946	bstovall@lumerton.nc.us
David Akhram	<del>Director</del>	566-6821	townmanager@redsprings.org
Annette Bryant	Director	843-5241	humanresources@redsprings.org
Tracy Fenton	Town + Fairmont	703-576-7292	Tracy@FairmontNC.com

BLADEN-COLUMBUS-ROBESON REGIONAL HAZARD  
MITIGATION PLAN MEETING #2

**AECOM**



NAME	TITLE/AFFILIATION	PHONE	EMAIL
Brice Bell	COUNTY MANAGER - ENDR. NCDOT	(919) 618-5543	bricebell@ncdot.gov
Chuck Miller	Dist. Engr NCDOT	910 618 5546	cmiller@ncdot.gov
Brandy Oxendine	Robeson County Fire Marshal Office	910-671-3156	brandy.oxendine@co.roberson.nc.us
Emily Jones	Robeson County Public Information Officer	910-316-5696	emily.jones@co.roberson.nc.us
Billy Hammond	Mayor Fair Bluff	910-649-7226	townofairbluff@rs.net.us
Paula Kempton	Fair Bluff	" "	pk@rs.net.us
Roosevelt Huesgan	Markton	910.844.5231	manager@ci.markton.nc.us
Greg Elkins	Bladen County	910 862-6905	gelkins@bladenco.org



BLADEN-COLUMBUS-ROBESON REGIONAL HAZARD  
MITIGATION PLAN MEETING #2

**AECOM**



NAME	TITLE/AFFILIATION	PHONE	EMAIL
Pat Garrard	Interim T.M.	910654-4148	Pgarrard@townofchapelboro.com
Jerome Chestnut	Assistant Town Manager	910 654 4148	manager@townofchapelboro.com
Hal Louder	Director of Whitcomb Energy Svcs.	910-640-1380	hal@whitcomb-nc.us
Amber Davis	Robeson County Hazard Mitigation	910-278-6524	amber.bridg@co.roberson.nc.us
BRANDON LOVE	CITY OF LUMBERTON DEP. CITY MANAGER	910-671-3805	bllove@ci.lumberton.nc.us



# Bladen-Columbus-Robeson Regional Hazard Mitigation Plan

## *HMPC Meeting #2*

**AECOM**

Kelly Keefe, Lead Planner  
Brent Edwards, Planner

# Agenda

- Welcome and introductions
- Risk assessment discussion
- Capability assessment
- Mitigation Action Plan update
- Open discussion
- Next steps

# Risk Assessment

# Risk Assessment

- Location
- Extent
- Historical Occurrence
- Probability of Future Occurrence
- Vulnerability



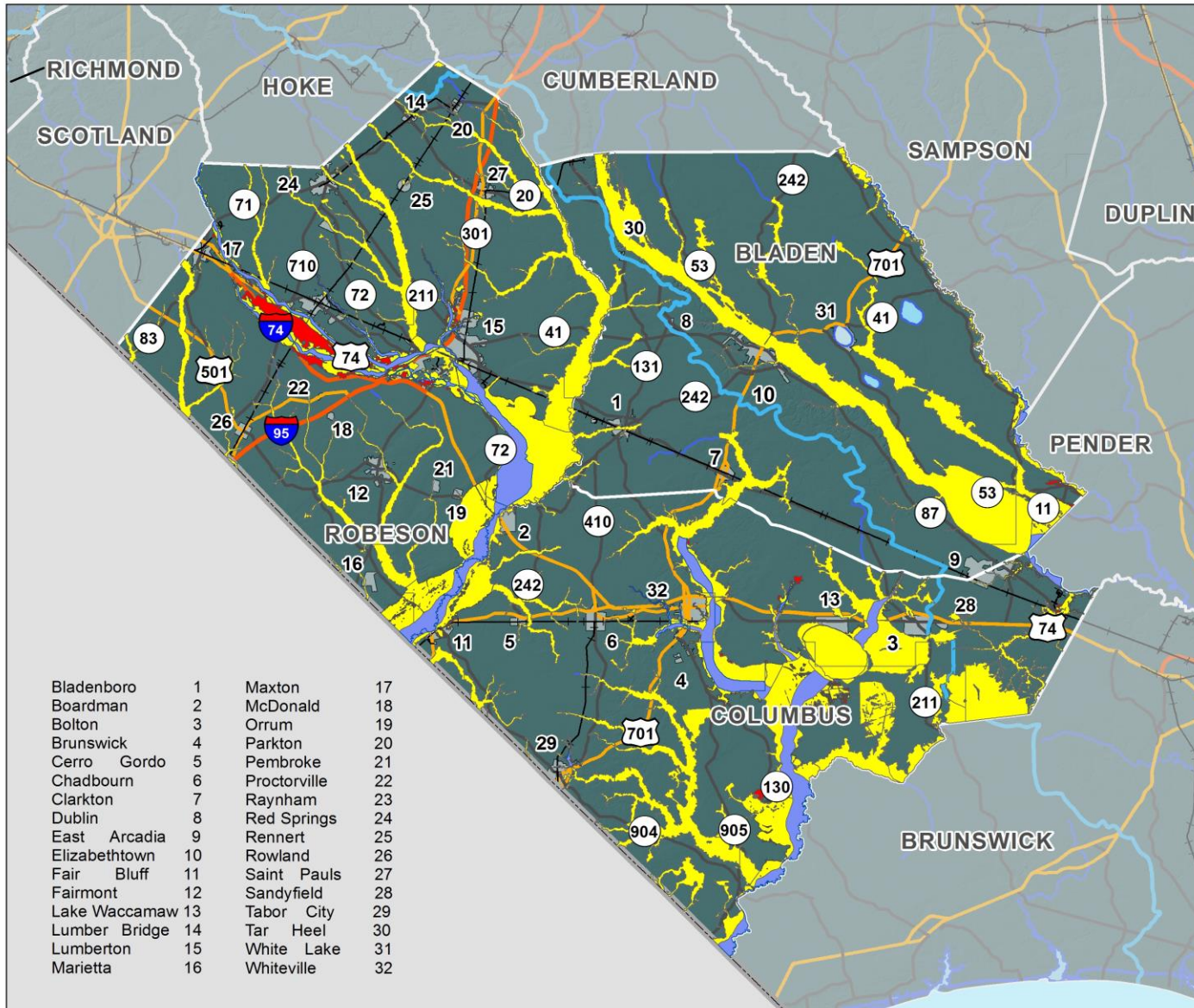


GOODE DR

WATER ST



# Flood Hazard Areas - Regional



Bladenboro	1	Maxton	17
Boardman	2	McDonald	18
Bolton	3	Orrum	19
Brunswick	4	Parkton	20
Cerro Gordo	5	Pembroke	21
Chadburn	6	Proctorville	22
Clarkton	7	Raynham	23
Dublin	8	Red Springs	24
East Arcadia	9	Rennert	25
Elizabethtown	10	Rowland	26
Fair Bluff	11	Saint Pauls	27
Fairmont	12	Sandyfield	28
Lake Waccamaw	13	Tabor City	29
Lumber Bridge	14	Tar Heel	30
Lumberton	15	White Lake	31
Marietta	16	Whiteville	32

**Flood Hazard Areas**

- Floodway
- 1-Percent-Annual-Chance
- 0.2-Percent-Annual-Chance

**Boundaries**

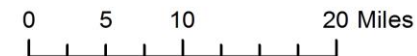
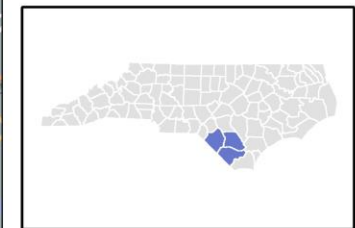
- River Basin
- State
- County
- Municipal

**Highways**

- Interstate Hwy.
- U.S. Hwy.
- N.C. Hwy.

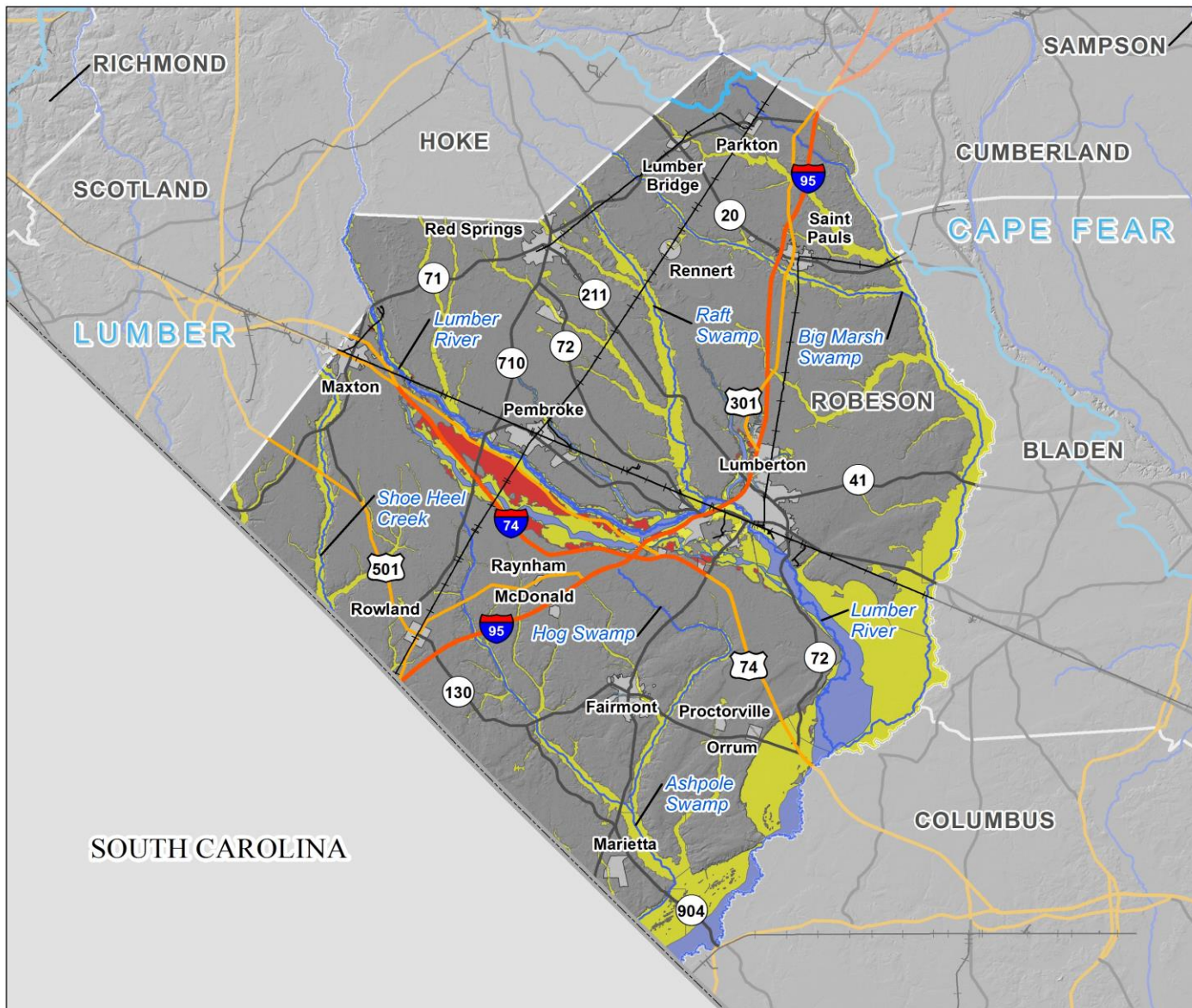
**Other**

- Railroad
- Rivers
- Lakes





# Flood Hazard Areas - Robeson County



**Flood Hazard Classification**

- Floodway
- 1-Percent-Annual-Chance
- 0.2-Percent-Annual-Chance

**Boundaries**

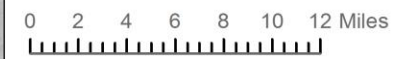
- River Basin
- State
- County
- Municipal

**Highways**

- Interstate Hwy.
- U.S. Hwy.
- N.C. Hwy.

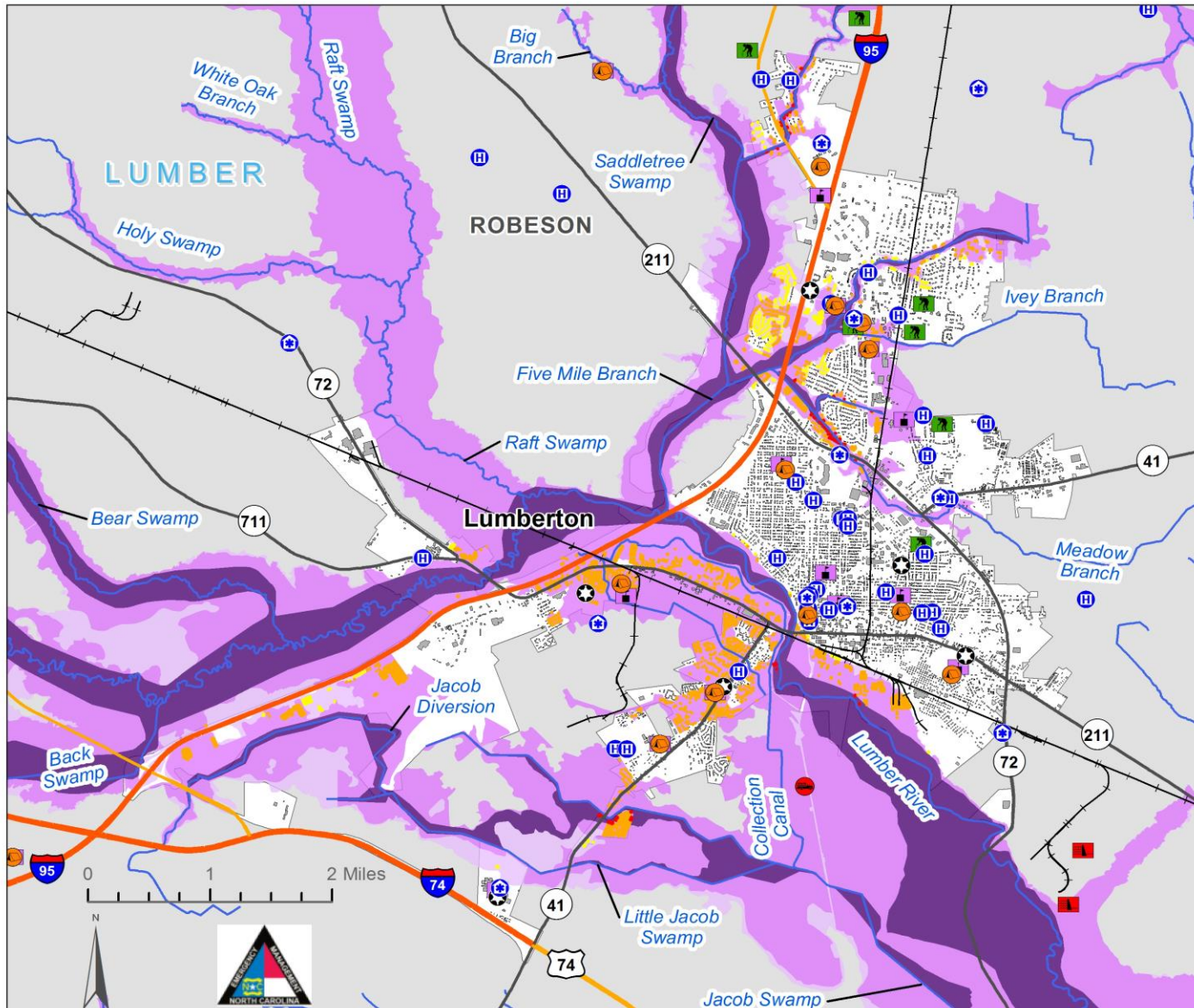
**Other**

- Railroad
- Rivers
- Lakes





# Flood Hazard Areas - Lumberton



**Dam Locations**

- Dam Locations
- Emergency Medical Services
- Emergency Operations Centers
- Emergency Shelter
- Fire Stations
- Law Enforcement
- Medical Facilities
- Nursing Homes
- Schools

**Flood Hazard Area**

- Floodway
- 1% Annual Chance
- 0.2% Annual Chance

**Buildings Intersecting Flood Hazard Area**

- Floodway
- 1% Annual Chance
- 0.2% Annual Chance

**Boundaries**

- River Basin
- Municipal Boundaries
- Building Footprint

**Highways**

- Interstate Hwy.
- U.S. Hwy.
- N.C. Hwy.

**Other**

- Other
- Rivers
- Lakes



# Flood Historical Occurrences

Jurisdiction	Number of Occurrences	Deaths	Injuries	Reported Property Damage	Reported Property Damage (PV)	Reported Crop Damage	Reported Crop Damage (PV)
<b>Bladen</b>							
Bladen County (Unincorporated Area)	30	2	0	\$2,795,000	\$1,885,015	\$0	\$0
Town Of Bladenboro	3	0	0	\$1,060,000	\$944,292	\$0	\$0
Town Of Clarkton	1	0	0	\$5,000	\$4,131	\$0	\$0
Town Of East Arcadia	1	0	0	\$20,000	\$19,046	\$0	\$0
Town Of Elizabethtown	4	0	0	\$325,000	\$269,438	\$0	\$0
Town Of White Lake	1	0	0	\$1,000,000	\$890,841	\$0	\$0
<b>Subtotal Bladen</b>	<b>40</b>	<b>2</b>	<b>0</b>	<b>\$5,205,000</b>	<b>\$4,012,764</b>	<b>\$0</b>	<b>\$0</b>
<b>Columbus</b>							
City Of Whiteville	6	0	0	\$70,000	\$52,037	\$0	\$0
Columbus County (Unincorporated Area)	22	0	0	\$2,501,000	\$1,989,575	\$0	\$0
Town Of Chadbourn	1	0	0	\$2,000	\$1,652	\$0	\$0
<b>Subtotal Columbus</b>	<b>29</b>	<b>0</b>	<b>0</b>	<b>\$2,573,000</b>	<b>\$2,043,265</b>	<b>\$0</b>	<b>\$0</b>
<b>Robeson</b>							
City Of Lumberton	8	2	0	\$300,000	\$202,327	\$0	\$0
Robeson County (Unincorporated Area)	13	0	0	\$4,617,000	\$3,300,214	\$0	\$0
Town Of Red Springs	1	0	0	\$0	\$0	\$0	\$0
Town Of Rennert	1	0	0	\$0	\$0	\$0	\$0
Town Of Saint Pauls	1	0	0	\$0	\$0	\$0	\$0
<b>Subtotal Robeson</b>	<b>24</b>	<b>2</b>	<b>0</b>	<b>\$4,917,000</b>	<b>\$3,502,541</b>	<b>\$0</b>	<b>\$0</b>
<b>TOTAL PLAN</b>	<b>93</b>	<b>4</b>	<b>0</b>	<b>\$12,695,000</b>	<b>\$9,558,569</b>	<b>\$0</b>	<b>\$0</b>

# Flood Probability of Future Occurrence

- Low: Less Than 1% Of Buildings Are In 100-Year Floodplain
- Medium: Between 1% And 10% Of Buildings Are In 100-Year Floodplain
- High: More Than 10% Of Buildings Are In 100-Year Floodplain

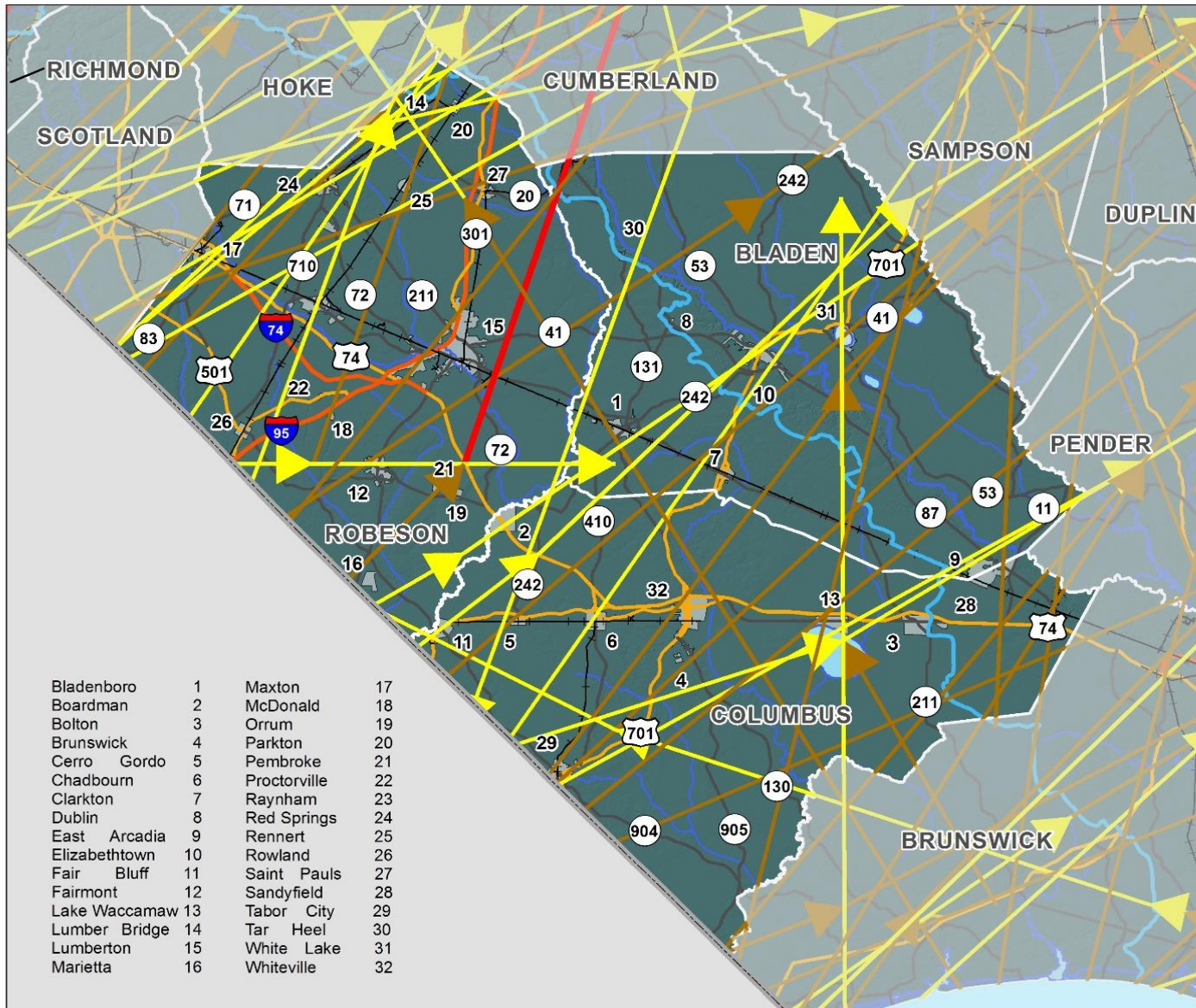
# Flood Probability of Future Occurrence

Jurisdiction	IRISK Probability of Future Occurrence
Bladen County (Unincorporated Area)	Medium
City Of Lumberton	High
City Of Whiteville	Medium
Columbus County (Unincorporated Area)	Medium
Robeson County (Unincorporated Area)	Medium
Town Of Bladenboro	Medium
Town Of Boardman	Medium
Town Of Bolton	Low
Town Of Brunswick	Low
Town Of Cerro Gordo	Medium
Town Of Chadbourn	Low
Town Of Clarkton	Low
Town Of Dublin	Low
Town Of East Arcadia	Low
Town Of Elizabethtown	Medium
Town Of Fair Bluff	High
Town Of Fairmont	Medium
Town Of Lake Waccamaw	High
Town Of Lumber Bridge	Low
Town Of Marietta	Medium
Town Of Maxton	Medium
Town Of Mcdonald	Low
Town Of Orrum	Medium
Town Of Parkton	Low
Town Of Pembroke	Medium
Town Of Proctorville	Low
Town Of Raynham	Low
Town Of Red Springs	Low
Town Of Rennert	Medium
Town Of Rowland	Low
Town Of Saint Pauls	Low
Town Of Sandyfield	Low
Town Of Tabor City	Medium
Town Of Tar Heel	Low
Town Of White Lake	Low





# Hurricane Hazard Areas - Regional



**Tropical Cyclone Tracks**

**Storm Category (Wind Speed)**

- Tropical Depression
- Tropical Storm
- Cat. 1 Hurricane

**Boundaries**

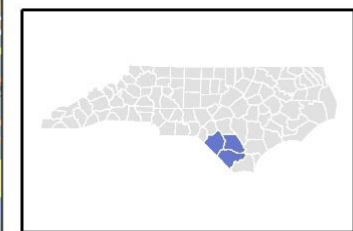
- River Basin
- State
- County
- Municipal

**Highways**

- Interstate Hwy.
- U.S. Hwy.
- N.C. Hwy.

**Other**

- Railroad
- Rivers
- Lakes



# Hurricanes since 2014

- Ana 2015
- Hermine 2016
- Julia 2016
- Florence 2018
- Matthew 2018
- Chantal 2019 (TD)
- Dorian 2019

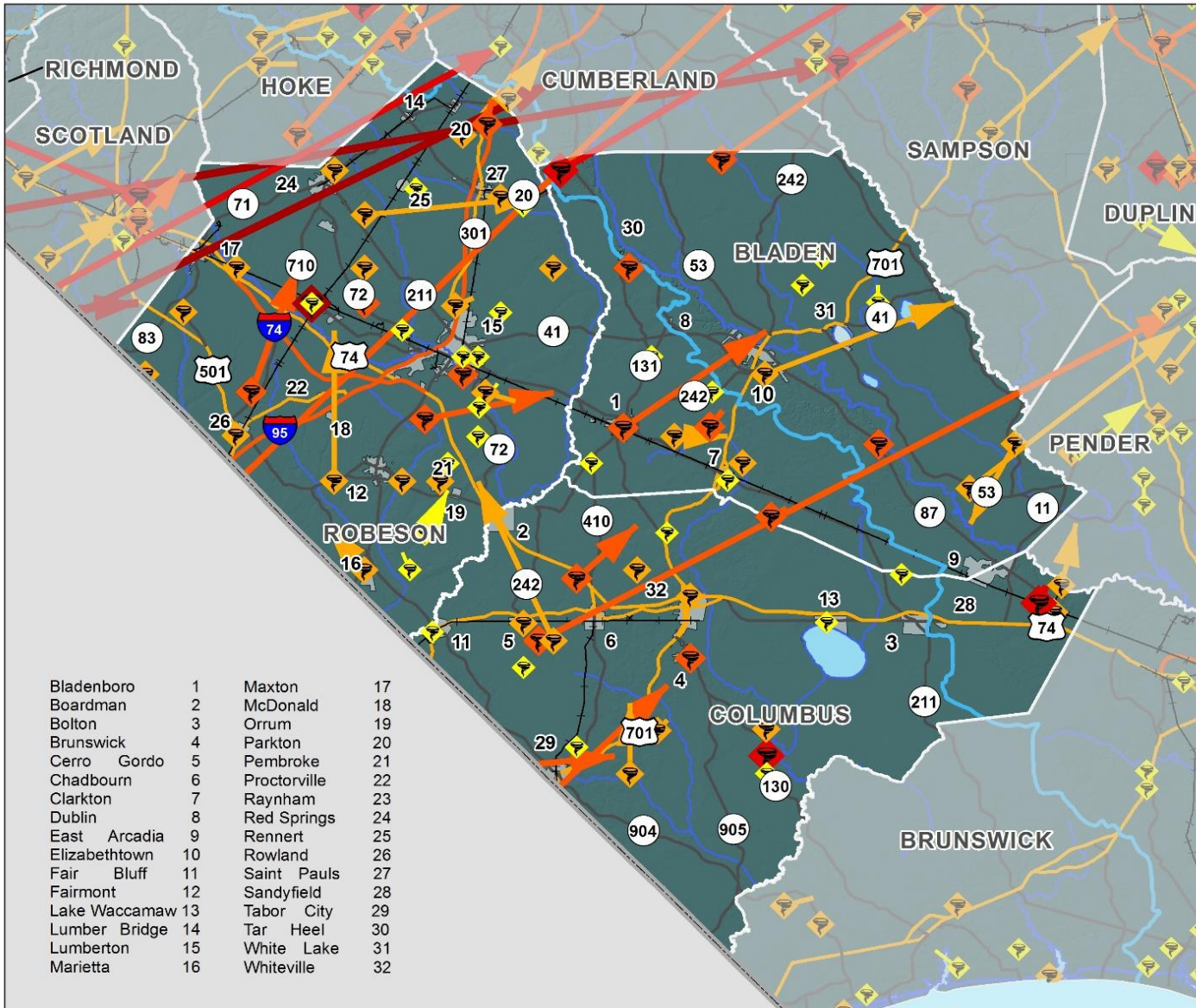
# Flood Probability of Future Occurrence

- Low: Less Than 0.2% Annual Probability Of 50-Year Event
- Medium: Between 0.2% And 2% Annual Probability Of 50-Year Event
- High: More Than 2% Annual Probability Of 50-Year Event
- All “Medium”





# Tornado Hazard Areas - Regional



Bladenboro	1	Maxton	17
Boardman	2	McDonald	18
Bolton	3	Orrum	19
Brunswick	4	Parkton	20
Cerro Gordo	5	Pembroke	21
Chadburn	6	Proctorville	22
Clarkton	7	Raynham	23
Dublin	8	Red Springs	24
East Arcadia	9	Rennett	25
Elizabethtown	10	Rowland	26
Fair Bluff	11	Saint Pauls	27
Fairmont	12	Sandyfield	28
Lake Waccamaw	13	Tabor City	29
Lumber Bridge	14	Tar Heel	30
Lumberton	15	White Lake	31
Marietta	16	Whiteville	32

**F/EF Scale**

- 0
- 1
- 2
- 3
- 4

**Boundaries**

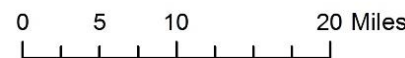
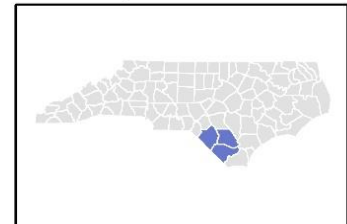
- River Basin
- State
- County
- Municipal

**Highways**

- Interstate Hwy.
- U.S. Hwy.
- N.C. Hwy.

**Other**

- Railroad
- Rivers
- Lakes



Jurisdiction	Number of Occurrences	Deaths	Injuries	Reported Property Damage	Reported Property Damage (PV)	Reported Crop Damage	Reported Crop Damage (PV)
<b>Bladen</b>							
Bladen County (Unincorporated Area)	24	3	9	\$27,552,530	\$4,300,629	\$10,000	\$1,561
Town Of Bladenboro	1	1	0	\$3,100,000	\$2,286,334	\$0	\$0
Town Of Elizabethtown	1	0	0	\$25,000	\$3,232	\$0	\$0
<b>Subtotal Bladen</b>	<b>26</b>	<b>4</b>	<b>9</b>	<b>\$30,677,530</b>	<b>\$6,590,195</b>	<b>\$10,000</b>	<b>\$1,561</b>
<b>Columbus</b>							
City Of Whiteville	2	0	0	\$10,000	\$6,210	\$0	\$0
Columbus County (Unincorporated Area)	21	8	25	\$2,878,500	\$264,336	\$500	\$46
Town Of Cerro Gordo	1	0	3	\$250,000	\$92,250	\$0	\$0
Town Of Fair Bluff	1	0	0	0	\$0	0	\$0
Town Of Lake Waccamaw	1	0	0	\$5,000	\$2,821	0	\$0
Town Of Tabor City	1	0	0	\$2,500,000	\$726,829	\$0	\$0
<b>Subtotal Columbus</b>	<b>27</b>	<b>8</b>	<b>28</b>	<b>\$5,643,500</b>	<b>\$1,092,446</b>	<b>\$500</b>	<b>\$46</b>
<b>Robeson</b>							
City Of Lumberton	5	0	0	\$3,035,000	\$432,749	\$0	\$0
Robeson County (Unincorporated Area)	34	4	41	\$3,484,500	\$400,306	\$0	\$0
Town Of Fairmont	1	0	0	\$250,000	\$35,880	\$0	\$0
Town Of Marietta	1	0	0	\$200,000	\$117,544	0	\$0
Town Of Pembroke	2	0	21	\$275,000	\$31,593	\$0	\$0
Town Of Red Springs	1	0	0	\$25,000	\$5,355	\$0	\$0
Town Of Saint Pauls	2	0	0	\$31,000	\$14,232	\$0	\$0
<b>Subtotal Robeson</b>	<b>46</b>	<b>4</b>	<b>62</b>	<b>\$7,300,500</b>	<b>\$1,037,659</b>	<b>\$0</b>	<b>\$0</b>
<b>TOTAL PLAN</b>	<b>99</b>	<b>16</b>	<b>99</b>	<b>\$43,621,530</b>	<b>\$8,720,300</b>	<b>\$10,500</b>	<b>\$1,607</b>

# Tornado Extent

Location	Date	Magnitude	Deaths	Injuries	Reported Property Damage	Reported Property Damage (PV)	Reported Crop Damage	Reported Crop Damage (PV)
Robeson County (Unincorporated Area)	04/08/57	EF4	0	6	\$250,000	\$28,721	\$0	\$0
Robeson County (Unincorporated Area)	04/08/57	EF4	0	8	\$250,000	\$28,721	\$0	\$0
Town Of Pembroke	04/08/57	EF4	0	21	\$250,000	\$28,721	\$0	\$0

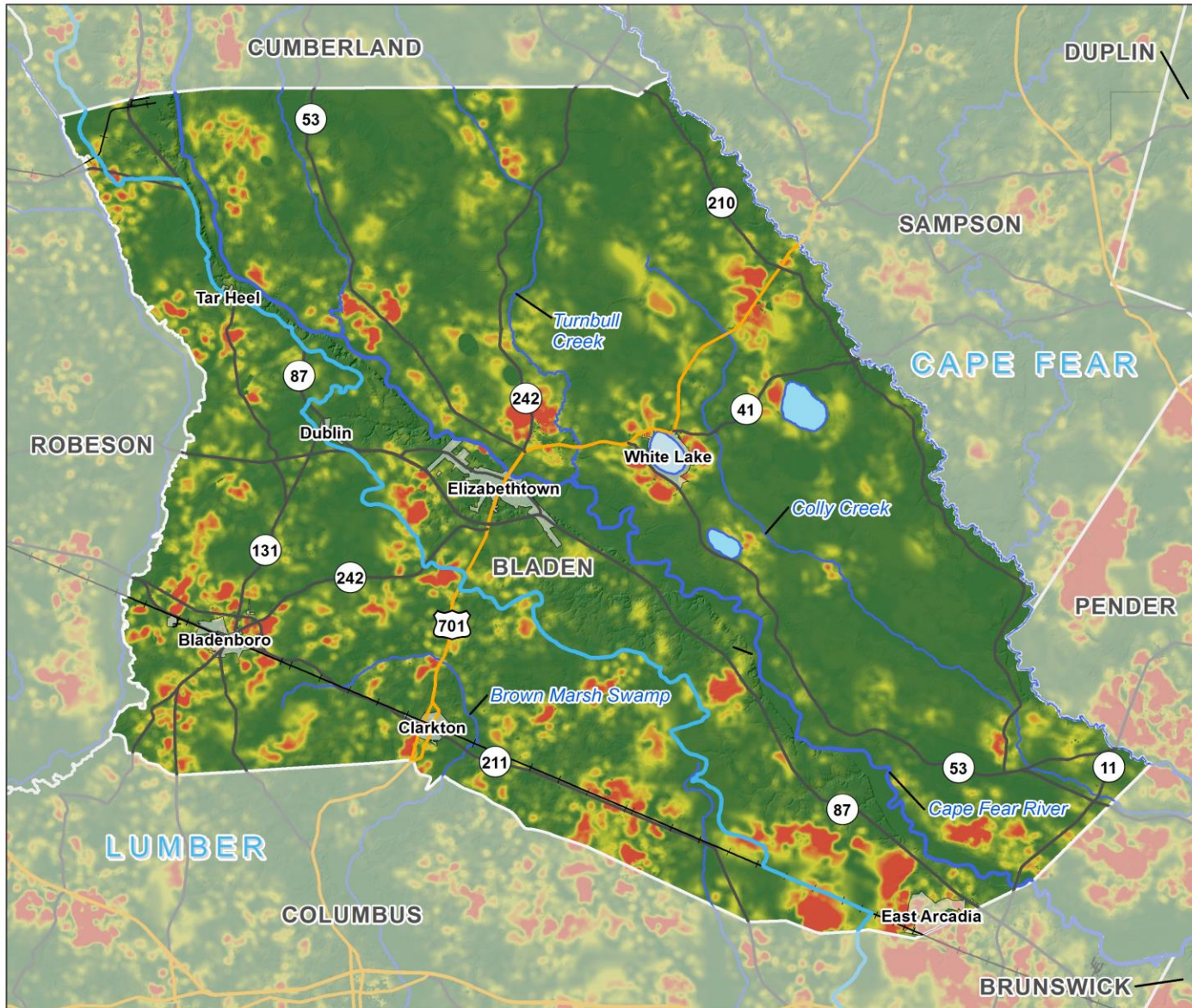
# Tornado Probability

- Low: Less Than 1% Of EF2 Event
  - Medium: Between 1% And 10% Of EF2 Event
  - High: More Than 10% Of EF2 Event
- 
- All “Low”





# Wildfire Hazard Areas - Bladen County



**Wildfire Hazard Areas**

- High
- Low

**Boundaries**

- River Basin
- County
- Municipal

**Highways**

- Interstate Hwy.
- U.S. Hwy.
- N.C. Hwy.

**Other**

- Railroad
- Rivers
- Lakes



# Wildfire Probability

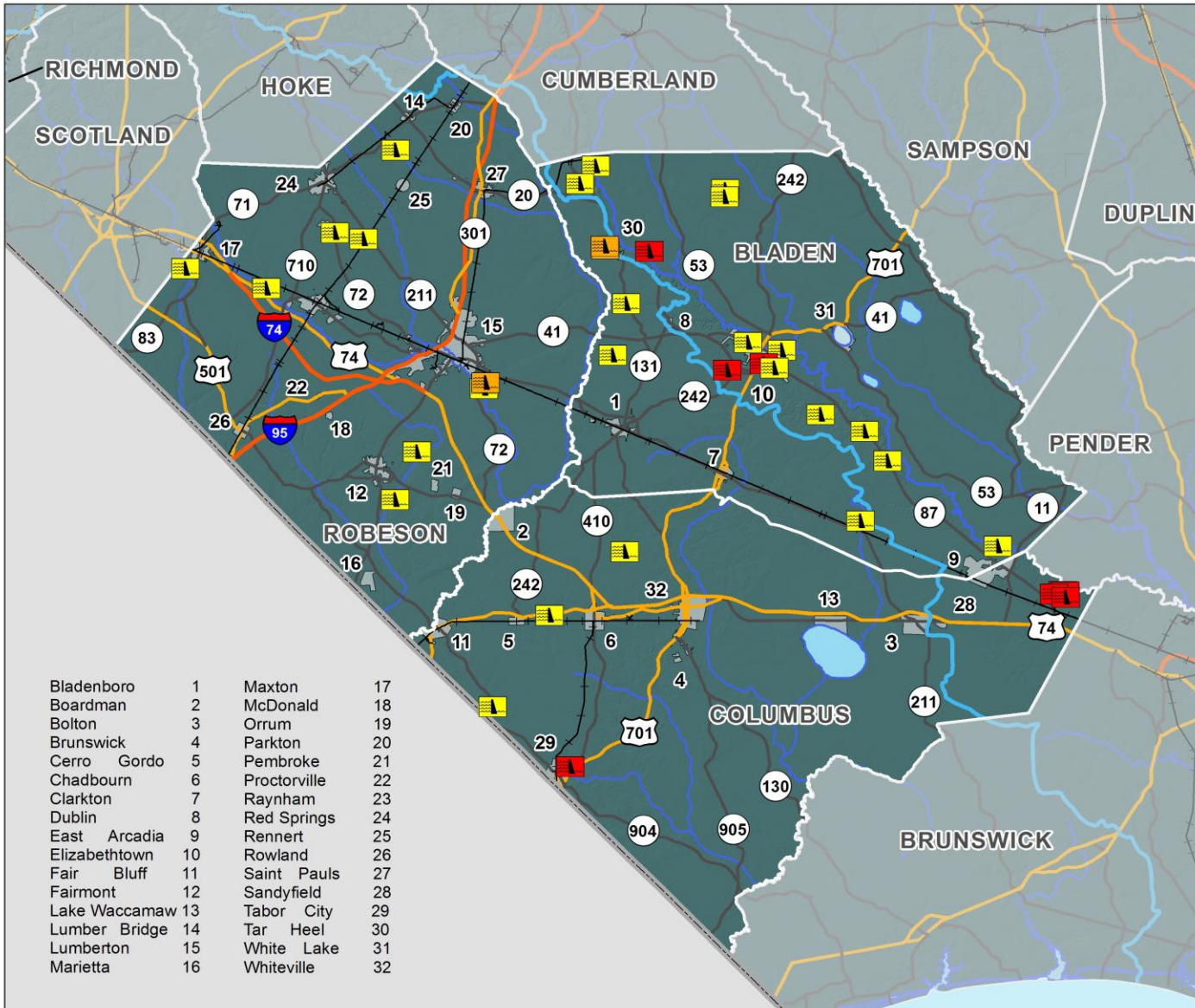
- Low: Less Than 1% Of Annual Probability
- Medium: Between 1% And 10% Of Annual Probability
- High: More Than 10% Of Annual Probability
- All medium except for the following:
  - Low
    - Cerro Gordo
    - Dublin
    - Parkton
    - Rowland
    - Tabor City
  - High
    - East Arcadia
    - Sandyfield







# Dam Hazard Areas - Regional



**Dam Hazard Classification**

- High Hazard
- Intermediate Hazard
- Low Hazard

**Boundaries**

- River Basin
- State
- County
- Municipal

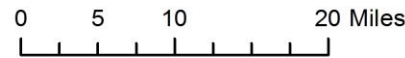
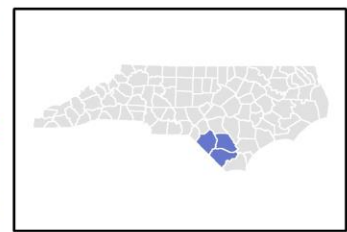
**Highways**

- Interstate Hwy.
- U.S. Hwy.
- N.C. Hwy.

**Other**

- Railroad
- Rivers
- Lakes

Bladenboro	1	Maxton	17
Boardman	2	McDonald	18
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Fairmont	12	Sandyfield	28
Lake Waccamaw	13	Tabor City	29
Lumber Bridge	14	Tar Heel	30
Lumberton	15	White Lake	31
Marietta	16	Whiteville	32



# High Hazard Dams

Hazard Classification	Description	Quantitative Guidelines
Low	1) Interruption of road service, low volume roads 2) Economic damage	1) Less than 25 vehicles per day 2) Less than \$30, 000
Intermediate	1) Damage to highways, interruption of service 2) Economic damage	1) 25 to less than 250 vehicles per day 2) \$30, 000 to less than \$200, 000
High	1) Probable loss of human life due to breached roadway or bridge on or below the dam 2) Economic damage	1) Probable loss of 1 or more human lives 2) More than \$200, 000

Jurisdiction	High	Intermediate
<b>Bladen</b>		
Bladen County (Unincorporated Area)	2	0
Subtotal Bladen	2	0
<b>Columbus</b>		
Columbus County (Unincorporated Area)	2	0
Town Of Tabor City	1	0
Subtotal Columbus	3	0
<b>Robeson</b>		
Robeson County (Unincorporated Area)	2	0
Subtotal Robeson	2	0
<b>TOTAL PLAN</b>	<b>7</b>	<b>0</b>

# Capability Assessment/

# Capability Assessment Survey

- Planning and regulatory capability
- Administrative and technical capability
- Fiscal capability
- Education and outreach capability
- Political capability
- Self assessment
- Deadline

# Mitigation Actions Update

# Mitigation Actions

- Status Update

- Completed

- In Progress

- Partially Completed

- To Be Continued

- Deferred

- Deleted

- GF - General Fund
- SR - Staff Resources
- HMGP - Hazard Mitigation Grant Program
- PDM - Pre-Disaster Mitigation
- UHMA - Unified Hazard Mitigation Assistance
- PA - Public Assistance
- USACE - US Army Corps of Engineers
- NCDEQ - NC Department of Environmental Quality
- NCDOT - NC Department of Transportation
- NCDPS - NC Department of Public Safety
- NCDPH - NC Division of Public Health
- NCCE - NC Cooperative Extension
- NCFS - NC Forest Service
- ARC - American Red Cross

# Open Discussion



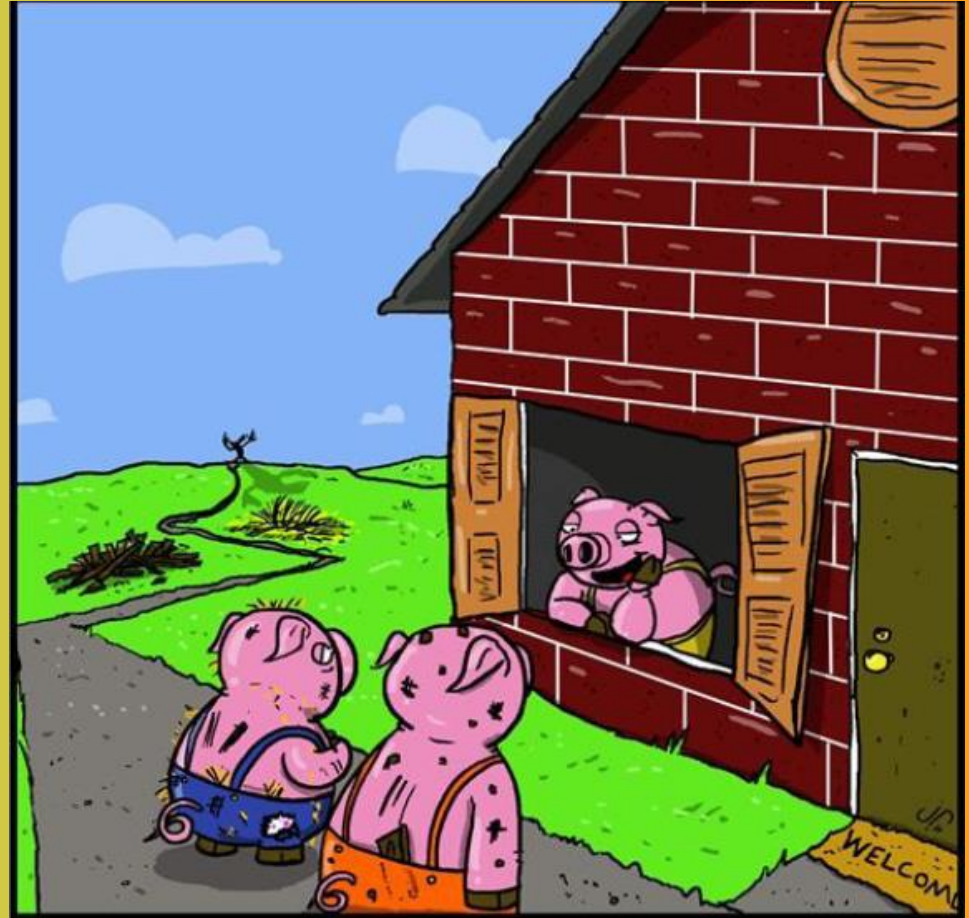
## Next Steps

- Final draft risk assessment results
- Final draft capability assessment results

# Thank You

Kelly.keefe@aecom.com

Brent.edwards@aecom.com



"Mitigation isn't so funny now, is it?"

**BLADEN-COLUMBUS-ROBESON REGIONAL HAZARD  
MITIGATION PLAN KICKOFF MEETING**



March 20<sup>th</sup>, 10:00 a.m. to 11:00 a.m.

**PLEASE PRINT INFORMATION REQUESTED BELOW**

NAME	TITLE/AFFILIATION	PHONE	EMAIL
Brenda Clark	Town Clerk/Town of White Lake		<a href="mailto:bclark@whitelakenc.org">bclark@whitelakenc.org</a>
Paula Kempton	Project Manager/Town of Fair Bluff		<a href="mailto:plk@rsnet.org">plk@rsnet.org</a>
Bill Hampton	Mayor/Town of Fair Bluff		<a href="mailto:townoffairbluff@rsnet.org">townoffairbluff@rsnet.org</a>
Melanie Hester	Town Clerk/Town of Bladenboro		bboroclerk@bizec.rr.com
Tyler Thomas	Town Manager/Town of Pembroke		<a href="mailto:tyler@pembrokenc.com">tyler@pembrokenc.com</a>
Mattie Caulder	Assistant Director/Robeson County		<a href="mailto:mattie.caulder@co.robeson.nc.us">mattie.caulder@co.robeson.nc.us</a>
Brice Bell	County Maintenance Engineer/ NCDOT		<a href="mailto:bricebell@ncdot.gov">bricebell@ncdot.gov</a>

**BLADEN-COLUMBUS-ROBESON REGIONAL HAZARD  
MITIGATION PLAN KICKOFF MEETING**



NAME	TITLE/AFFILIATION	PHONE	EMAIL
Claudia Bray	Town Clerk/Town of Sandyfield		<a href="mailto:sandyfield_town@bellsouth.net">sandyfield_town@bellsouth.net</a>
Amber Davis	Zoning and Planning Specialist/Robeson County		<a href="mailto:amber.britt@co.robeson.nc.us">amber.britt@co.robeson.nc.us</a>

**BLADEN-COLUMBUS-ROBESON REGIONAL HAZARD  
MITIGATION PLAN KICKOFF MEETING**



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**BLADEN-COLUMBUS-ROBESON REGIONAL HAZARD  
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**BLADEN-COLUMBUS-ROBESON REGIONAL HAZARD  
MITIGATION PLAN KICKOFF MEETING**



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