

Jason M. Springs
District #1

Roger M. Poston
District #2

Alphonso Bradley
District #3

Mitchell Kirby
District #4

Kent C. Caudle
District #5

Russell W. Culberson
District #6

Waymon Mumford
District #7

James T. Schofield
District #8

Willard Dorriety, Jr.
District #9

AGENDA
FLORENCE COUNTY COUNCIL
REGULAR MEETING
COUNTY COMPLEX
180 N. IRBY STREET
COUNCIL CHAMBERS, ROOM 803
FLORENCE, SOUTH CAROLINA
THURSDAY, JANUARY 16, 2014
9:00 A. M.

-
- I. **CALL TO ORDER:** JAMES T. SCHOFIELD, CHAIRMAN
- II. **INVOCATION:** WAYMON MUMFORD, SECRETARY/CHAPLAIN
- III. **PLEDGE OF ALLEGIANCE TO THE AMERICAN FLAG:**
ALPHONSO BRADLEY, VICE CHAIRMAN
- IV. **WELCOME:** JAMES T. SCHOFIELD, CHAIRMAN
- V. **ELECTION OF OFFICERS FOR 2014:**
COUNTY ATTORNEY D. MALLOY MCEACHIN, JR., PRESIDING

Chairman
Vice Chairman
Secretary-Chaplain

VI. **MINUTES:**

MINUTES OF THE DECEMBER 12, 2013 REGULAR MEETING [1]
Council Is Requested To Approve The Minutes Of The December 12, 2013
Regular Meeting Of County Council.

VII. PUBLIC HEARINGS:

No public hearings were published or required.

VIII. APPEARANCES:

DORIS LOCKHART – SAVANNAH GROVE COMMUNITY

[11]

Ms. Lockhart Requests To Appear Before Council To Thank Council And Request That The Road Improvements Just Approved Be A Priority.

IX. COMMITTEE REPORTS:

(Items assigned to the Committees in italics. Revisions by Committee Chair requested.)

Administration & Finance

(Chairman Schofield, Councilmen Culberson, Mumford, and Dorriety)

November 2013

Capital Project Sales Tax

Public Services & County Planning

(Councilmen Poston/Chair, Kirby and Caudle)

June 2008

Museum

November 21, 2013

Landings

Justice & Public Safety

(Councilmen Mumford/Chair, Bradley and Jason Springs)

Litter

Education, Recreation, Health & Welfare

(Councilmen Culberson/Chair, Poston and Caudle)

Agriculture, Forestry, Military Affairs & Intergovernmental Relations

(Councilman Bradley/Chair, Dorriety and Jason Springs)

January 17, 2013

City-County Conference Committee

X. **RESOLUTIONS/PROCLAMATIONS:**

RESOLUTION NO. 23-2013/14

[13]

A Resolution To Adopt A Hazard Mitigation Plan As Required By The Federal Emergency Management Agency (FEMA).

XI. **ORDINANCES IN POSITION:**

A. **THIRD READING**

1. **ORDINANCE NO. 14-2013/14**

[195]

An Ordinance To Amend The Florence County Comprehensive Plan Land Use Map For Property In Florence County Located On E. Smith Street, Timmons ville, More Specifically Shown On Tax Map Number 00033, Block 04, Parcel 234, From Suburban Development To Commercial Growth And Preservation; And Other Matters Related Thereto.

*(Planning Commission **approved** 9-0)(Council District 4)*

2. **ORDINANCE NO. 15-2013/14**

[202]

An Ordinance To Rezone Property On Behalf Of SBM Of Wisconsin, LLC Located At E. Smith Street, Timmons ville, As Shown On Florence County Tax Map No. 00033, Block 04, Parcel 234; Consisting Of Approximately 1.56 (+/-) Acres From RU-1, Rural Community District To B-3, General Commercial District; And Other Matters Related Thereto.

*(Planning Commission **approved** 9-0)(Council District 4)*

3. **ORDINANCE NO. 16-2013/14**

[210]

An Ordinance To Provide For The Issuance And Sale Of Not Exceeding One Hundred Twenty-Five Million Dollars (\$125,000,000) General Obligation Bonds Of Florence County, South Carolina, To Prescribe The Purposes For Which The Proceeds Shall Be Expended, To Provide For The Payment Thereof, And Other Matters Relating Thereto.

B. **SECOND READING**

There are no Ordinances for Second Reading.

C. INTRODUCTION

ORDINANCE NO. 19-2013/14

[257]

An Ordinance To Rezone Property On Behalf Of Jeff M. Anderson, Regarding The Estate Of Johnsie W. Moore, Located At W. Main Street, Lake City, As Shown On Florence County Tax Map No. 00167, Block 31, Parcel 054; Consisting Of Approximately 2.07 Acres From R-1, Single-Family Residential District To B-1, Limited Business District; And Other Matters Related Thereto.

(Planning Commission approved 6-0)(Council District 1)

XII. APPOINTMENTS TO BOARDS & COMMISSIONS:

ECONOMIC DEVELOPMENT PARTNERSHIP BOARD

[265]

Approve The Appointment Of Henry M. Swink To Serve On The Economic Development Partnership Board, Representing Council District 5, With Appropriate Expiration Term.

XIII. REPORTS TO COUNCIL:

A. ADMINISTRATION

MONTHLY FINANCIAL REPORTS

[268]

Monthly Financial Reports Were Provided To Council For Fiscal Year 2014 Through November 30, 2013 As An Item For The Record.

B. FINANCE

FISCAL YEAR ENDED JUNE 30, 2013 ANNUAL AUDIT

[274]

Accept The Fiscal Year Ended June 30, 2013 Annual Audit.

C. PROCUREMENT

REVIEW PANEL APPOINTMENT

[275]

The Appointment Of A Council Member To Serve On The Review Panel For RFP #17-13/14 Architectural Services For The New Veterans Affairs Building.

D. PUBLIC WORKS/PROCUREMENT

AWARD BID NO. 15-13/14

[276]

Award Bid No. 15-13/14 For Fencing For The Lake City Manned Convenience Center To Frye Fence Co. Of Raleigh, NC In The Amount Of \$12,560 (Including Tax) From Previously Approved Funds.
(13 Bids Were Received; 13 Bids Were Compliant)

E. SHERIFF'S OFFICE

DECLARATION OF SURPLUS PROPERTY

[279]

Declare One (1) Handgun, A Glock 21SF, Serial Number PAU102, As Surplus Property For The Purpose Of Awarding It To The Mother Of Sheriff's Deputy Joseph Antwine, An Officer Who Was Killed In The Line Of Duty On November 29, 2013.

XIV. OTHER BUSINESS:

A. ROAD SYSTEM MAINTENANCE FEE (RSMF)

1. BRIARCLIFF DRIVE

[280]

Approve The Expenditure Of Up To \$12,128 From Council District 3 RSMF Funding Allocation To Pay For Drainage Improvements At 1433 Briarcliff Drive.

2. CHISOLM TRAIL

[281]

Approve The Expenditure Of Up To \$20,125 From Council District 6 RSMF Funding Allocation To Pay For Crushed Asphalt To Re-Asphalt Chisolm Trail.

3. **HOLLY BROOK CIRCLE** [282]
Approve The Expenditure Of Up To \$59,587.50 From Council District 6 RSMF Funding Allocation To Pay For Crushed Asphalt To Re-asphalt Holly Brook Circle.

4. **WREATHWOOD LANE** [283]
Approve The Expenditure Of Up To \$3,500 From Council District 6 RSMF Funding Allocation To Pay For Crushed Asphalt To Re-Asphalt Wreathwood Lane.

B. UTILITY

- OAK HEI LANE** [284]
Approve The Expenditure Of Up To \$1,000 From Council District 7 Utility Funding Allocation To Pay For Pothole Patching In Oak Hei Lane.

C. INFRASTRUCTURE/UTILITY

1. **NATIONAL CEMETERY (LORETTA HUERTA PROPERTY)** [285]
Approve The Expenditure In An Amount Not To Exceed \$19,800 From Council Districts' Infrastructure/Utility Funding Allocations (Approximately \$2,200 From Each District) To Purchase Properties Adjacent To The Florence National Cemetery Identified On The Florence County Tax Assessor's Records As 90104-11-005 And 90104-12-005 Owned By Loretta Huerta To Expand The Cemetery (Council Approved Negotiations For The Purchase Of The Property At Its December 12, 2013 Regular Meeting).
2. **NATIONAL CEMETERY (BILL SIMPSON PROPERTY)** [286]
Approve The Expenditure In An Amount Not To Exceed \$65,000 From Council Districts' Infrastructure/Utility Funding Allocations (Approximately \$7,223 From Each District) To Purchase Properties Adjacent To The Florence National Cemetery Identified On The Florence County Tax Assessor's Records As 90104-11-108 And 90104-08-013 Owned By Bill Simpson To Expand The Cemetery.

XV. EXECUTIVE SESSION:

Pursuant to Section 30-4-70 of the South Carolina Code of Laws 1976, as amended.

XVI. INACTIVE AGENDA:

RESOLUTION NO. 30-2012/13

At Its Regular Meeting Of September 19, 2013, Council Voted Unanimously To Move This Item To The Inactive Agenda: A Resolution In Support Of The Issuance By The South Carolina Jobs – Economic Development Authority Of Its Economic Development Refunding Revenue Bonds (FMU Student Housing, LLC – Francis Marion University Project) Series 2013 In One Or More Series And In An Aggregate Principal Amount Not To Exceed \$14,085,000 Pursuant To The Provisions Of Title 41, Chapter 43, Code Of Laws Of South Carolina 1976, As Amended.

XVII. ADJOURN:

FLORENCE COUNTY COUNCIL MEETING

January 16, 2014

AGENDA ITEM: Minutes

DEPARTMENT: County Council

ISSUE UNDER CONSIDERATION:

Council is requested to approve the minutes of the December 12, 2013 regular meeting of County Council.

OPTIONS:

1. Approve minutes as presented.
2. Provide additional directive, should revisions be necessary.

ATTACHMENTS:

Copy of proposed Minutes.

**REGULAR MEETING OF THE FLORENCE COUNTY COUNCIL,
THURSDAY, DECEMBER 12, 2013, 9:00 A.M., COUNCIL
CHAMBERS ROOM 803, COUNTY COMPLEX, 180 N. IRBY
STREET, FLORENCE, SOUTH CAROLINA**

PRESENT:

James T. Schofield, Chairman
Alphonso Bradley, Vice Chairman
Waymon Mumford, Secretary-Chaplain
Mitchell Kirby, Council Member (entered the meeting at 9:02 a.m.)
Russell W. Culberson, Council Member
Roger M. Poston, Council Member
Kent C. Caudle, Council Member
Willard Dorriety, Jr., Council Member
Jason M. Springs, Council Member
K. G. Rusty Smith, Jr., County Administrator
D. Malloy McEachin, Jr., County Attorney
Connie Y. Haselden, Clerk to Council

ALSO PRESENT:

Arthur C. Gregg, Jr., Public Works Director
Kevin V. Yokim, Finance Director
Jonathan B. Graham, III, Planning Director
Samuel K. Brockington, Jr., Fire/Rescue Services Coordinator
Dale Rauch, Facilities Manager

A notice of the regular meeting of the Florence County Council appeared in the December 11, 2013 edition of the MORNING NEWS. In compliance with the Freedom of Information Act, copies of the meeting Agenda and Proposed Additions to the Agenda were provided to members of the media, members of the public requesting copies, posted in the lobby of the County Complex, provided for posting at the Doctors Bruce and Lee Foundation Public Library, all branch libraries, and on the County's website (www.florenceco.org).

Chairman Schofield called the meeting to order. Secretary-Chaplain Mumford provided the invocation and Vice Chairman Bradley led the Pledge of Allegiance to the American Flag. Chairman Schofield welcomed everyone attending the meeting.

APPROVAL OF MINUTES:

Councilman Springs made a motion Council Approve The Minutes Of The November 21, 2013 Regular Meeting Of County Council. Councilman Culberson seconded the motion, which was approved unanimously. *(Councilman Kirby was not present for the vote.)*

PUBLIC HEARINGS:

The Clerk Published The Titles And Chairman Schofield Opened The Public Hearings For The Following:

RESOLUTION NO. 21-2013/14

A Resolution Authorizing The Cessation Of Maintenance On And Abandonment And Closure Of Bunk Road Located In The New Hope/Friendfield Area.

ORDINANCE NO. 14-2013/14

(The Clerk noted a scrivener's error in the Agenda: the Agenda stated Ordinance No. 12-2013/14 but the correct title published and the ad for the public hearing were for Ordinance No. 14-2013/14.)

An Ordinance To Amend The Florence County Comprehensive Plan Land Use Map For Property In Florence County Located On E. Smith Street, Timmonsville, More Specifically Shown On Tax Map Number 00033, Block 04, Parcel 234, From Suburban Development To Commercial Growth And Preservation; And Other Matters Related Thereto.

ORDINANCE NO. 16-2013/14

An Ordinance To Provide For The Issuance And Sale Of Not Exceeding One Hundred Twenty-Five Million Dollars (\$125,000,000) General Obligation Bonds Of Florence County, South Carolina, To Prescribe The Purposes For Which The Proceeds Shall Be Expended, To Provide For The Payment Thereof, And Other Matters Related Thereto.

APPEARANCES:

There were no appearances requested or scheduled.

COMMITTEE REPORTS:

There were no Committee Reports.

PUBLIC HEARINGS:

There being no signatures on the sign-in sheets, the Chairman closed the Public Hearings.

RESOLUTIONS/PROCLAMATIONS:

RESOLUTION NO. 21-2013/14

The Clerk published the title of Resolution No. 21-2013/14: A Resolution Authorizing The Cessation Of Maintenance On And Abandonment And Closure Of Bunk Road Located In The New Hope/Friendfield Area. Councilman Poston made a motion Council approve the Resolution as presented. Councilman Springs seconded the motion, which was approved unanimously.

RESOLUTION NO. 22-2013/14

The Clerk published the title of Resolution No. 22-2013/14: A Resolution Authorizing The Florence County Finance Director To Sign Requisitions And Other Documents With Respect To Florence County's \$22,478,000, Facilities Refunding And Improvement Lease-Purchase Financing, Series 2013. Councilman Dorriety made a motion Council approve the Resolution as presented. Councilman Culberson seconded the motion, which was approved unanimously.

ORDINANCES IN POSITION:

ORDINANCE NO. 12-2013/14 – THIRD READING

The Clerk published the title of Ordinance No. 12-2013/14: An Ordinance To Amend The Florence County Comprehensive Plan Land Use Map For Property Located At 303 Honda Way, Timmons ville, More Specifically Shown On Tax Map Number 70018, Block 01, Parcel 002, From Suburban Development To Commercial Growth And Preservation; And Other Matters Related Thereto. Councilman Caudle made a motion Council approve third reading of the Ordinance. Councilman Dorriety seconded the motion, which was approved unanimously.

ORDINANCE NO. 13-2013/14 – THIRD READING

The Clerk published the title of Ordinance No. 13-2013/14: An Ordinance To Rezone Property Owned By Theo Strother C/O Anthony Shields Located At 303 Honda Way, Town Of Timmons ville, As Shown On Florence County Tax Map No. 70018, Block 01, Parcel 002; Consisting Of Approximately 1.01 Acres From R-3, Single-Family Residential District, To B-3, General Commercial District; And Other Matters Related Thereto. Councilman Kirby made a motion Council approve third reading of the Ordinance. Councilman Dorriety seconded the motion, which was approved unanimously.

ORDINANCE NO. 14-2013/14 – SECOND READING

The Clerk published the title of Ordinance No. 14-2013/14: An Ordinance To Amend The Florence County Comprehensive Plan Land Use Map For Property In Florence County Located On E. Smith Street, Timmons ville, More Specifically Shown On Tax Map Number 00033, Block 04, Parcel 234, From Suburban Development To Commercial Growth And Preservation; And Other Matters Related Thereto. Councilman Kirby made a motion Council approve second reading of the Ordinance. Councilman Culberson seconded the motion, which was approved unanimously.

ORDINANCE NO. 15-2013/14 – SECOND READING

The Clerk published the title of Ordinance No. 15-2013/14: An Ordinance To Rezone Property Owned By SBM Of Wisconsin, LLC Located At E. Smith Street, Timmons ville, As Shown On Florence County Tax Map No. 00033, Block 04, Parcel 234; Consisting Of Approximately 1.56 (+/-) Acres From RU-1, Rural Community District To B-3, General Commercial District; And Other Matters Related Thereto. Councilman Kirby made a motion Council approve second reading of the Ordinance. Councilman Culberson seconded the motion, which was approved unanimously.

ORDINANCE NO. 16-2013/14 – SECOND READING

The Clerk published the title of Ordinance No. 16-2013/14: An Ordinance To Provide For The Issuance And Sale Of Not Exceeding One Hundred Twenty-Five Million Dollars (\$125,000,000) General Obligation Bonds Of Florence County, South Carolina, To Prescribe The Purposes For Which The Proceeds Shall Be Expended, To Provide For The Payment Thereof, And Other Matters Relating Thereto. Councilman Springs made a motion Council approve second reading of the Ordinance. Councilman Dorriety seconded the motion, which was approved unanimously.

APPOINTMENTS TO BOARDS AND COMMISSIONS:

CITY-COUNTY MEMORIAL STADIUM COMMISSION

Council Unanimously Approved The Request From The Fred H. Sexton Post 1 For The Re-Appointment Of Michael W. Richey To Serve On The City-County Memorial Stadium Commission, Representing The American Legion, Fred H. Sexton Post #1, With Appropriate Expiration Term.

REPORTS TO COUNCIL:

ADMINISTRATION

MONTHLY FINANCIAL REPORTS

Monthly Financial Reports Were Provided To Council For Fiscal Year 2014 Through October 31, 2013 As An Item For The Record.

2014 CALENDAR OF MEETING DATES AND HOLIDAYS

Councilman Springs made a motion Council Approve The 2014 Calendar Of Meeting Dates And Holidays. Councilman Dorriety seconded the motion, which was approved unanimously.

PROCUREMENT

DECLARATION OF SURPLUS PROPERTY

Councilman Mumford made a motion Council Declare Seven (7) Vehicles And Two (2) Trucks As Surplus Property For Disposal Through Public Internet Auction Via GovDeals. Councilman Dorriety seconded the motion, which was approved unanimously.

RFQ FOR ARCHITECTURAL SERVICES

Councilman Bradley made a motion Council Approve A Request For Qualifications For Architectural Services For The New Veterans Affairs Building As Approved And Funded By The Capital Project Sales Tax. Councilman Dorriety seconded the motion, which was approved unanimously.

PUBLIC WORKS/PROCUREMENT

AWARD BID NO. 14-13/14

Councilman Springs made a motion Council Award Bid No. 14-13/14 For Two (2) Tag-Along Tilt Platform Trailers To Lee Transport Equipment, Inc. Of Columbia, SC In The Amount Of \$27,696.60 (Including Tax) From FY2013-14 Budgeted Funds. Councilman Dorriety seconded the motion, which was approved unanimously.

ADMINISTRATION/PROCUREMENT

AWARD BID #13-13/14

Councilman Culberson made a motion Council Award Bid #13-13/14 For Exterior Stabilization Of Red Doe Plantation To Midwest Maintenance Of Piqua, Ohio In The Amount Of \$81,700 Funded By A South Carolina Department Of Transportation (SCDOT) Grant, Contingent Upon The Required Approval Of The Bid Award From SCDOT. Councilman Poston seconded the motion, which was approved unanimously. In response to a question from Councilman Caudle, County Administrator Rusty Smith stated the County was assisting in stabilizing the facility via an enhancement grant, but the County did not own the property. Councilman Culberson confirmed it was owned by a historical society group that was attempting to restore the property.

OTHER BUSINESS:

UTILITY

BAILEY STREET, LAKE CITY

Councilman Springs made a motion Council Approve The Expenditure Of Up To \$22,330 From Council District 1 Utility Funding Allocation To Pay For 6" Reclamation With Concrete And 1 ½" Asphalt Surface Type C On Bailey Street, Lake City. Councilman Dorriety seconded the motion, which was approved unanimously.

DARLINGTON STREET, LAKE CITY

Councilman Springs made a motion Council Approve The Expenditure Of Up To \$35,612.50 From Council District 1 Utility Funding Allocation To Pay For 6" Reclamation With Concrete And 1 ½" Asphalt Surface Type C On Darlington Street, Lake City. Councilman Dorriety seconded the motion, which was approved unanimously.

TOWN OF SCRANTON

Councilman Springs made a motion Council Approve The Expenditure Of Up To \$38,000 From Council Districts 1, 2 And 5 Utility Funding Allocations (\$25,000 From Council District 1, \$6,500 Each From Council Districts 2 and 5) To Pay For Water Well Upgrades And Repairs For The Town Of Scranton. Councilman Caudle seconded the motion, which was approved unanimously.

E. BLACK CREEK ROAD

Councilman Mumford made a motion Council Approve The Expenditure Of Up To \$3,000 From Council District 7 Utility Funding Allocation To Pay For 100 Tons Of Crushed Asphalt For E. Black Creek Road. Councilman Bradley seconded the motion, which was approved unanimously.

EXECUTIVE SESSION:

Councilman Mumford made a motion Council Enter Executive Session, Pursuant To Section 30-4-70 Of The South Carolina Code Of Laws 1976, As Amended, For Contractual Matters, Pending Property Transactions At The National Cemetery And Legal Advice. Councilman Caudle seconded the motion, which was approved unanimously.

Council entered executive session at 9:15 a.m. Council reconvened at 10:13 a.m.

2014 CALENDAR OF MEETING DATES AND HOLIDAYS

Chairman Schofield stated there was a scrivener's error on the 2014 Calendar of Meeting Dates included in the Agenda package that he would like to correct for the record. The Calendar lists October 18th as the meeting date in October but the correct date would be October 16th.

Subsequent to Executive Session, Council took the following actions:

NATIONAL CEMETERY

Councilman Mumford made a motion Council Authorize The County Administrator And The County Attorney To Negotiate The Purchase Of Two (2) Parcels Of Land, Identified On The Florence County Tax Assessor's Records As 90104-11-005 And 90104-12-005 Owned By Loretta Huerta For An Amount Not To Exceed \$19,800. Councilman Caudle seconded the motion, which was approved unanimously.

COURTHOUSE DESIGN

Councilman Springs made a motion Council Authorize Stevens & Wilkinson To Do Schematic Design and Design Development Plans For A Courthouse Building And To Further Authorize The County Administrator To Execute The Necessary Documents. Councilman Mumford seconded the motion, which was approved unanimously.

There being no further business to come before Council, Councilman Culberson made a motion to adjourn. Councilman Poston seconded the motion, which was approved unanimously.

COUNCIL MEETING ADJOURNED AT 10:15 A.M.

**WAYMON MUMFORD
SECRETARY-CHAPLAIN**

**CONNIE Y. HASELDEN
CLERK TO COUNTY COUNCIL**

PUBLIC HEARING

December 12, 2013

RESOLUTION NO. 21-2013/14

A Resolution Authorizing The Cessation Of Maintenance On And Abandonment And Closure Of Bunk Road Located In The New Hope/Friendfield Area.

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PUBLIC HEARING

December 12, 2013

ORDINANCE NO. 14-2013/14

An Ordinance To Amend The Florence County Comprehensive Plan Land Use Map For Property In Florence County Located On E. Smith Street, Timmons ville, More Specifically Shown On Tax Map Number 00033, Block 04, Parcel 234, From Suburban Development To Commercial Growth And Preservation; And Other Matters Related Thereto.

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PUBLIC HEARING

December 12, 2013

ORDINANCE NO. 16-2013/14

An Ordinance To Provide For The Issuance And Sale Of Not Exceeding One Hundred Twenty-Five Million Dollars (\$125,000,000) General Obligation Bonds Of Florence County, South Carolina, To Prescribe The Purposes For Which The Proceeds Shall Be Expended, To Provide For The Payment Thereof, And Other Matters Related Thereto.

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FLORENCE COUNTY COUNCIL MEETING

January 16, 2014

AGENDA ITEM: Appearances Before Council
Doris Lockhart
Savannah Grove Community

DEPARTMENT: County Council

ISSUE UNDER CONSIDERATION:

Mrs. Lockhart Requests To Appear Before Council To Thank Council And Request That The Road Improvements Just Approved Be A Priority.

ATTACHMENT:

A Copy of the Request To Appear.

Connie Haselden

From: Doris Lockhart <dlockhart@accustaff.com>
Sent: Friday, December 06, 2013 9:28 AM
To: Connie Haselden
Cc: geecathy@gmail.com
Subject: Re: County Council Agenda in January

Hi Connie,

This is a request to be on the Agenda for the January 2014 Council meeting from the Savannah Grove Community.

The purpose is to first Thank Council and request that the roads improvement just approved be a priority.

Thanks

Cathy Gee, Secretary
843 269-4020 cell

Doris Lockhart
843 2605041 cell

FLORENCE COUNTY COUNCIL MEETING

January 16, 2014

AGENDA ITEM: Resolution No. 23-2013/14

DEPARTMENT: Emergency Management

ISSUE UNDER CONSIDERATION:

A Resolution To Adopt A Hazard Mitigation Plan As Required By The Federal Emergency Management Agency (FEMA).

POINTS TO CONSIDER:

1. The Federal Emergency Management Agency (FEMA) requires jurisdictions to have an approved Hazard Mitigation Plan in place before a disaster to qualify for some federal disaster assistance programs.
2. Florence County's current plan is over 5 years old and needs to be updated.
3. The attached draft Hazard Mitigation Plan has been compiled by a working group of Florence County and local municipal staff members.
4. The attached draft plan also includes the input of the citizens of Florence County, gathered through public meetings held within Florence County.
5. The draft plan has been reviewed and approved by the SC Emergency Management Division.
6. If adopted, this plan will be forwarded to FEMA for final approval.
7. Once approved by FEMA local municipalities can also elect to adopt this county plan as their municipal plan.
8. Once approved by FEMA the plan can be updated and modified on an annual basis.

FUNDING FACTORS:

1. Adoption of this plan will not require any expenditure of funds, however, failure to have a pre-approved Hazard Mitigation Plan in place may prevent Florence County from being eligible to receive future federal hazard mitigation grants and funding.

OPTIONS:

1. *(Recommended)* Adopt the proposed draft plan as the new Florence County Hazard Mitigation Plan.
2. Provide An Alternate Directive

ATTACHMENTS:

1. Copy of Proposed Resolution No. 23-2013/14
2. Draft Florence County Hazard Mitigation Plan

Sponsor(s)/Department : Emergency Management
Adopted : January 16, 2014
Committee Referral :
Committee Consideration Date :
Committee Recommendation :

RESOLUTION NO. 23-2013/14

COUNCIL-ADMINISTRATOR FORM OF GOVERNMENT FOR FLORENCE COUNTY

[To Adopt A Hazard Mitigation Plan As Required By The Federal Emergency Management Agency (FEMA).]

WHEREAS:

1. County Council has received notice that the Federal Emergency Management Agency (FEMA) requires Florence County to adopt a Hazard Mitigation Plan; and
2. Attached to this Resolution is the Hazard Mitigation Plan for Florence County; and
3. The attached Hazard Mitigation Plan has been compiled by a working group of County and Municipal staff members and also includes the input of the citizens of Florence County through public meetings held within Florence County; and
4. County Council further finds that the attached Hazard Mitigation Plan was reviewed and approved by the South Carolina Emergency Management Department; and
5. County Council desires to adopt this Hazard Mitigation Plan to comply with the Federal Emergency Management Agency's mandate for a Hazard Mitigation Plan to be in place for Florence County.

NOW, THEREFORE, BE IT RESOLVED BY THE FLORENCE COUNTY COUNCIL DULY ASSEMBLED THAT:

The attached Hazard Mitigation Plan is hereby approved and adopted as the Hazard Mitigation Plan for Florence County.

ATTEST:

SIGNED:

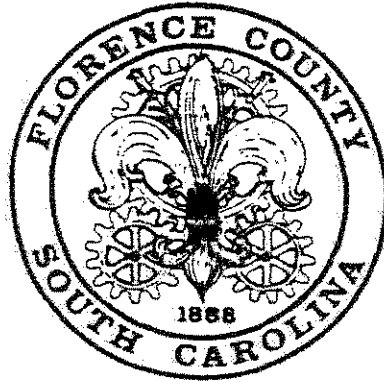
Connie Y. Haselden, Council Clerk

James T. Schofield, Chairman

COUNCIL VOTE:

OPPOSED:

ABSENT:



DRAFT

**Florence County
Hazard Mitigation Plan**

2013

Florence County
Hazard Mitigation Plan
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Section Seven.....Compilation of Proposed Mitigation Initiatives

Appendix A.....Florence County Stakeholders

Appendix B.....Notice of Public Meetings

Appendix C.....Citizen Questionnaire

Appendix D.....Stakeholders Questionnaire

Florence County
Hazard Mitigation Plan

Section One

INTRODUCTION

1. Introduction

The Disaster Mitigation Act of 2000, also known as DMA 2000 was signed into law on October 30, 2000 by the President. This established a requirement that to remain eligible for federal funds, local and state governments must develop and adopt an approved hazard mitigation plan. The Federal Emergency Management Agency (FEMA) published an Interim Final Rule (IFR) on February 26, 2002. This set the guidance and regulations under which such plans are to be developed. It includes the planning process as well as the contents of the plan that are required.

Hazard mitigation is often defined as actions taken to reduce the effects of natural hazards on a place and its population. This plan focuses on the countywide hazards with the highest potential for damaging physical assets, people and operations in Florence County. Both the risk assessment and mitigation action plan sections reflect this emphasis, which was the result of careful consideration and a ranking process carried out by the Florence County Hazard Mitigation Planning Committee (FCHMPC). This committee was formed and staffed by the Florence County Emergency Management Department and the Florence County Planning Department. The committee was charged with developing a county component for the plan. Neighboring communities, agencies involved in hazard mitigation and businesses, academia, and other relevant private and non-profit interests were also involved in the planning process. All towns and cities as well as representatives from law enforcement, emergency services, business and industry and others with interest in hazard mitigation planning were invited to participate in the development of the respective county components of the plan.

The FCHMPC reviewed existing plans, studies, reports and technical information. Documents reviewed included comprehensive plans, zoning ordinances, building codes, historical hazard event records, and emergency operations plans. Recommendations in these documents relative to hazard mitigation issues were addressed in the hazard vulnerability analysis and hazard mitigation initiatives prepared for inclusion in this plan. Additionally, public meetings were scheduled to provide an opportunity for the general public and local government officials to have input. This was accomplished by public meetings conducted in Florence County. The meetings were coordinated by the Florence County Emergency Management Department and the Florence County Planning Department in cooperation with administrative officials from each participating municipality. The public was invited to the meetings through news releases and notices posted at municipal and county offices.

Florence County Emergency Management and Florence County Planning assisted the county planning committee in conducting detailed studies to identify the hazards threatening the jurisdictions of Florence County and to estimate the relative risks posed to the community by those hazards. This information has been used by the committee to prioritize their planning efforts to assess the vulnerabilities of the facilities and neighborhoods of Florence County to the

impacts of future disasters involving those hazards. With these vulnerabilities identified, the committee worked to identify, justify and prioritize specific proposals for projects and programs that will avoid or minimize these vulnerabilities. This document includes a detailed characterization of hazards in Florence County; a risk assessment that describes potential losses to physical assets, people, and operations; a set of goals, objectives, strategies, and initiatives that will guide Florence County mitigation activities; and a detailed plan for implementing and monitoring the plan.

These proposed projects and programs to reduce the impacts of future disasters are called "mitigation initiatives" in this document. Mitigation initiatives have been developed, and will continue to be developed, by the county planning committee for implementation whenever the resources and opportunities to do so become available. Implementation of this plan is essentially through implementation of the mitigation initiatives included in the plan, and with each implementation effort, the county planning committee will continue to help make the participating communities more resistant to the human and economic costs of future disasters.

This document details the work of the Hazard Mitigation Planning Committee over the past several months to develop the planning organization, to undertake the needed technical analyses, and to coordinate the mitigation initiatives that have been proposed by the participating jurisdictions and organizations. The draft plan will be submitted to all participating jurisdictions for adoption by the respective governing bodies.

The Florence County Hazard Mitigation Plan has been established to make the population, neighborhoods, businesses and institutions of the community more resistant to the impacts of future disasters. The county planning committee and staff have been undertaking a comprehensive, detailed evaluation of the vulnerabilities of the towns, cities and unincorporated areas throughout the county to all types of future natural hazards in order to identify ways to make the communities of the planning area more resistant to their impacts. This document reports the results of that planning process for the current planning period.

2. Organization of the Plan

The plan is organized into six sections:

1. Introduction
 2. Planning Process
 3. Community Profile
 4. Hazard Identification and Risk Assessment
 5. Progress In Plan Implementation
 6. Mitigation Goals and Objectives and Plan Implementation
 7. Completion of Proposed Mitigation Initiatives
- Appendices

The following sections of the Florence County Hazard Mitigation Plan present the detailed information to support these purposes. The remainder of the plan describes the county planning committee to managing the planning process. The plan then summarizes the results of the hazard identification and vulnerability assessment process, and addresses the adequacy of the current policy basis for hazard management by the participating jurisdictions and organizations. The plan provides a description of the mitigation-related characteristics of each participating jurisdiction, such as its land uses and population growth trends, the mitigation-related policies already in-place, identified critical facilities present in the community, and if there

are properties that have been repeatedly damaged by past disasters. The past and planned efforts of the committee to engage the entire community in the mitigation planning process are documented. The plan further addresses the mitigation goals and objectives established by the committee and the actions to be taken to maintain, expand and refine the Florence County Hazard Mitigation Plan and the planning process. Finally, the plan documents the structural and non-structural mitigation initiatives proposed by the participating jurisdiction to address the identified vulnerabilities.

3. Executive Summary

Florence County as a whole is threatened by a number of different types of hazards. These hazards endanger the health and safety of the population of the community, jeopardize its economic vitality, and imperil the quality of its environment. Because of the importance of avoiding or minimizing the vulnerabilities to these hazards, the public and private sector interests of Florence County have joined together to undertake a comprehensive planning process that has culminated in the publication of this document: "The Florence County Hazard Mitigation Plan." Florence County is comprised of the following nine municipalities in the northeastern portion of the state:

Town of Coward	Town of Pamplico
City of Florence	Town of Quinby
Town of Johnsonville	Town of Scranton
City of Lake City	Town of Timmonsville
Town of Olanta	

Florence County government provides planning and economic development technical assistance services to these municipalities. This is a county wide hazard mitigation plan, and the planning effort has been conducted through the coordinated, cooperative effort of these local governments.

The purpose of a mitigation plan is to rationalize the process of determining appropriate hazard mitigation actions. This document includes a detailed characterization of hazards in Florence County; a risk assessment that describes potential losses to physical assets, people, and operations; a set of goals, objectives, strategies, and initiatives that will guide Florence County mitigation activities; and a detailed plan for implementing and monitoring the plan. This plan will continue to be updated and expanded in the future to ensure it addresses changing conditions in the participating jurisdictions, experiences with disasters that do occur, and any changes in the characteristics of the hazards that threaten the involved communities. This updating process and future editions of the mitigation plan issued will also be used to continue to inform and involve the general public and other interested groups to fully participate in making the community more resistant to the impacts of future disasters.

The Florence County Hazard Mitigation Plan was prepared in accordance with the process established in the State and Local Mitigation Planning guidance produced by the Federal Emergency Management Agency (FEMA), and the requirements of the interim Final Rule. The process established in the guides includes four basic steps; Organize Resources, Assess Risks, Develop a Mitigation Plan and Implement the plan and monitor progress.

Florence County
Hazard Mitigation Plan
Section Two
PLANNING PROCESS

Introduction

The FCHMPC includes representatives from local government agencies, business interests, community organizations, and institutions. The FCHMPC staff solicited the involvement in the mitigation planning by each local jurisdiction in the planning area. In this solicitation, the jurisdictions were encouraged to identify agencies and organizations that should represent the jurisdiction. This solicitation, sent out by the planning staff, stated the many benefits to local governments from participation in the mitigation planning. State and federal agencies, agencies that have the authority to regulate development, as well as regional agencies with facilities or responsibilities in Florence County were also encouraged to be involved in the planning, and were contacted through telecommunications and invited to participate. Those organizations not directly associated with state, regional or local governments, such as neighborhood associations, businesses and industries, and volunteer agencies were solicited to join the planning process. With a positive response to these solicitations, each local jurisdiction and its agencies, any state, federal and regional agencies, and/or any interested community groups, are considered to be participants in the committee planning process and requested to engage in the meetings and planning activities necessary to develop, maintain and implement the plan. The FCHMPC encourages participation in the development of the plan by all interested local jurisdictions, agencies, organizations and individuals, listed as Appendix A named "Florence County Stakeholders". The planning approach is intended to represent a partnership between the public and private sector of the community, working together to create a disaster resistant community. The proposed mitigation initiatives developed by the committee and listed at the end of this section, when implemented, are intended to make the entire county safer from the impacts of future disasters, for the benefit of every individual, neighborhood, business and institution.

The committee represents all of the local municipalities and key organizations participating in the planning process, and is the group that makes the official decisions regarding the planning process. The committee serves as the official liaison of the planning project to the community, and coordinates all planning activities. Most importantly for this document, however, is the committee's role to approve proposed mitigation initiatives for incorporation into the county's hazard mitigation plan, for determining the priorities for implementation of those initiatives, and for removing or terminating initiatives that are no longer desirable for implementation.

The planning staff, working closely with the respective committee, coordinates the actual technical analyses and planning activities that are fundamental to development of this plan. These activities include preparing and presenting to the FCHMPC the hazard identification and vulnerability assessment processes, as well as assisting the committee in receiving and coordinating the mitigation initiatives that are proposed by the

committee participants for incorporation into this plan. The coordinating process undertaken constitutes a "peer review" of the proposed mitigation initiatives submitted for incorporation into the plan. Through the peer review, each proposed initiative is to be reviewed for its consistency with the goals and objectives established for the planning process and its relationship to identified hazards and defined vulnerabilities to those hazards. The review process strives to assure the assumptions used by the organization to develop the proposal are reasonable, that the proposal would not conflict with or duplicate other proposed initiatives, that proposals are feasible and consistent with known requirements.

As soon as the committee approves a proposed mitigation initiative in this manner, it is considered to be officially a part of the Florence County Hazard Mitigation Plan, and expected to be implemented by the sponsoring organization as soon as the resources and/or opportunity to do so becomes available.

Planning and Regulatory Capability

Planning and regulatory capability is based on the implementation of plans, ordinances and programs that demonstrate a local jurisdiction's commitment to guiding and managing growth, development and redevelopment in a responsible manner, while maintaining the general welfare of the community. It includes emergency response and mitigation planning, comprehensive land use planning and transportation planning, in addition to the enforcement of zoning or subdivision ordinances and building codes that regulate how land is developed and structures are built, as well as protecting environmental, historic and cultural resources in the community. Although some conflicts can arise, these planning initiatives generally present significant opportunities to integrate hazard mitigation principles and practices into the local decision making process. The assessment is designed to provide a general overview of the key planning and regulatory tools or programs in place or under development for Florence County, along with their potential effect on loss reduction. This information will help identify opportunities to address existing gaps, weaknesses or conflicts with other initiatives in addition to integrating the implementation of this plan with existing planning mechanisms where appropriate.

The attached table, Table 2-1, provides a summary of the relevant local plans, ordinances and programs already in place or under development for Florence County. Each of these local plans, ordinances and programs should be considered available mechanisms for incorporating the requirements of the Florence County Hazard Mitigation Plan Update.

Hazard Identification and Risk Assessment

The committee identifies the hazards that threaten all or portions of the community. Where possible, specific geographic areas, subject to the impacts of the identified hazards, are delineated. The purpose of this analysis is to define those locations, facilities or systems within the county that may be vulnerable to the impacts of those hazards and warrant further assessment. The hazard identification analysis will be accomplished through the following general methodology:

- Identifying all significant hazards that threaten the county.

- Defining or estimating the geographic and/or operational scope of the areas and/or community functions within the county that could be impacted by the hazard,
- Determining or estimating the probability or frequency of occurrence of the hazard event,
- Defining, estimating or predicting the general consequences of the event to human health and safety, to property, to valuable environmental resources and the economic vitality of the community.
- Deriving a measure of risk to reflect the relative significance of hazard being addressed to the jurisdiction being evaluated.

The measure of relative risk may then be used by the committee to guide and prioritize the subsequent mitigation planning process. The hazard identification process is intended to encompass both developed areas as well as those likely to be developed in the future. Hazard identification information and other findings from this analysis will be made available for use by the public and other interested organizations and agencies.

A variety of information resources regarding hazard identification and risk assessment have been available. The planners have attempted to incorporate consideration of hazard specific maps, including flood plain delineation maps, whenever applicable, and have attempted to avail themselves of GIS-based analyses of hazard areas and the locations of critical facilities, infrastructure components and other properties located within the defined hazard areas. The detailed analysis of hazards in the region was prepared in accordance with a methodology originally developed by the University of South Carolina. That methodology depends heavily on data analysis using Geographic Information System (GIS) technology.

Developing Hazard Mitigation Initiatives

This process enables the county planning committee to highlight the most significant vulnerabilities, again to assist in prioritizing subsequent efforts to formulate and characterize specific hazard mitigation initiatives to eliminate or minimize those vulnerabilities. Once the highest priorities are defined, the county planning committee can identify specific mitigation initiatives for the plan that would eliminate or minimize those vulnerabilities.

Each proposed mitigation initiative is "prioritized" for implementation in a consistent manner by each participating organization using a common set of objective criteria. Each mitigation initiative proposed for incorporation into the plan is formulated and submitted to the committee for consideration.

Developing the Local Mitigation Plan

On receipt of a pending initiative, using the "peer review" process incorporated into the operating procedures, the FCHMPC first evaluates the merits of the proposal and the validity of the judgments and assumptions that went into its characterization, as well as considers its potential for conflict with other jurisdiction's programs or interests. The committee also assures that the proposal is consistent with the goals and objectives

established for the planning period and confirms that it would not duplicate or harm a proposal submitted by another jurisdiction or agency.

During routine updates of the Florence County Hazard Mitigation Plan, each mitigation initiative included in the plan is evaluated to determine if it is still valid or should be removed from the plan, or whether its implementation should be a priority or deferred until a later time. This approach is considered to define the "priority for implementation" of a specific mitigation initiative, in the judgment of the planning group, intentionally to allow for the adjustment of implementation schedules to respond to changes in the community or environmental conditions expected in the near future.

Approval of the Current Edition of the Plan

On a periodic basis, the Florence County Hazard Mitigation Plan is to be submitted to the governing body of each of the participating jurisdictions for review, modification if needed, and approval or adoption. Following adoption or approval of the plan by each jurisdiction's governing body, the respective agencies and organizations will continue to implement the plan, to expand its scope, continue its analyses, and take other such continuing action to maintain the planning process. This includes action by the committee with assistance from the planning staff to routinely incorporate proposed mitigation initiatives into the plan, without the necessity to also continuously solicit the formal approval of the plan by the jurisdictions' governing bodies.

Approximately every five (5) years, a draft plan document such as this will be printed and submitted to the governing bodies for review and formal adoption or approval. The committee will assist the planning staff in preparing the draft plan.

This document is a draft plan that, pending finalization, will be submitted for approval. It is important to emphasize that this document represents a "snapshot" of the planning process and is prepared as a current document for use by the planning group, the community, and state and federal authorities. Upon receiving the "approval pending adoption" status from FEMA, Florence County and all participating jurisdictions will officially adopt the plan in a public meeting.

Implementation of Approved Mitigation Initiatives

Once incorporated into the Florence County Hazard Mitigation Plan, the agency or organization proposing the initiative becomes responsible for its implementation. This may mean developing a budget for the effort, or making application to state and federal agencies for financial support for implementation. The current status of implementation of mitigation initiatives incorporated into the plan is discussed in the next section.

In this plan implementation process, the committee continues to monitor the implementation status of initiatives, to assign priorities for implementation and to take other such actions to support and coordinate implementation of initiative by the involved organizations. In reality, it is the implementation of proposed initiatives, along with other actions by the organizations participating in the planning to maintain, refine and expand the technical analyses used in the planning, that constitutes the process to implement the mitigation plan.

Resolving Conflicts

In the event that a mitigation initiative proposed by a participating agency or organization is determined by the committee to be in conflict with one or more other initiatives in the plan or being submitted by others, the committee will take action to resolve the conflict. This will be done in the following manner:

- The participants proposing the conflicting mitigation initiatives will be notified of the findings of the committee and requested to make any such modifications to the proposals needed to resolve the conflicts,
- Should the participants be initially unwilling or unable to make such modifications to their proposed mitigation initiatives, the committee will schedule and hold a detailed discussion of the matter and involve both participants and any other interested parties,
- In the event that such detailed discussions do not result in voluntary action on the part of the participants making the proposals, the committee will formulate a recommendation to resolve the conflict. In making this recommendation, in its discretion, the committee may give preference to the proposal already incorporated into the strategy, to that first submitted to the committee for review, and/or to the proposal achieving the highest priority score.

Approval of Supplements to the Plan

When indicated, the committee may elect to approve issuance of a supplement to the currently approved mitigation plan. This supplement may contain one or more proposed mitigation initiatives that have been fully processed by the committee in accord with this procedure. Upon its issuance, the supplement and the mitigation initiatives contained therein are considered to be an integral part of the Florence County Hazard Mitigation Plan pending the approval of the supplement by the governing body of the jurisdiction or organization that proposed the initiatives.

Assessment of Recent Disaster Events

Within 60 days following a significant disaster or emergency event impacting the county or any of its municipalities, the committee will conduct an analysis of the event to capture any "lessons learned" for the purpose of continuing development of the mitigation plan. The committee, with the support of the planning staff, will classify the event based on the hazard category and assess the magnitude of the event and the community's reaction to it. The direct and indirect damage, response and recovery costs will also be gathered or estimated. Any mitigation techniques in place in the impacted areas would be assessed for their apparent effectiveness in decreasing damages. The type and extent of the damages that were experienced would also be evaluated to determine the types of mitigation initiatives that should be incorporated into the plan to avoid similar losses during future hazard events of the same type. Based on this assessment, the committee would recommend to one or more of the participating agencies or organizations that they propose appropriate mitigation initiatives for incorporation into the next edition of the plan. In its discretion, the agency or organization could then propose such an initiative and transmit it to the committee for processing in accord with this procedure.

Florence County Hazard Mitigation Planning Committee

Kristy Hughes, Florence County Emergency Management

Tripp Ward, Florence County Building and Planning

Robbie Ervin, Florence County GIS Department

Curt Gowdy, Farmers Telephone

Linda Duncan, McLeod Regional Medical Center

David Exum, Florence County EMS

Paul Thebo, City of Florence

Chuck Freeman, IFH Inc.

Jeane New, Timmons ville Rescue Squad

DRAFT

Table 2-1 Plans, Ordinances and Programs

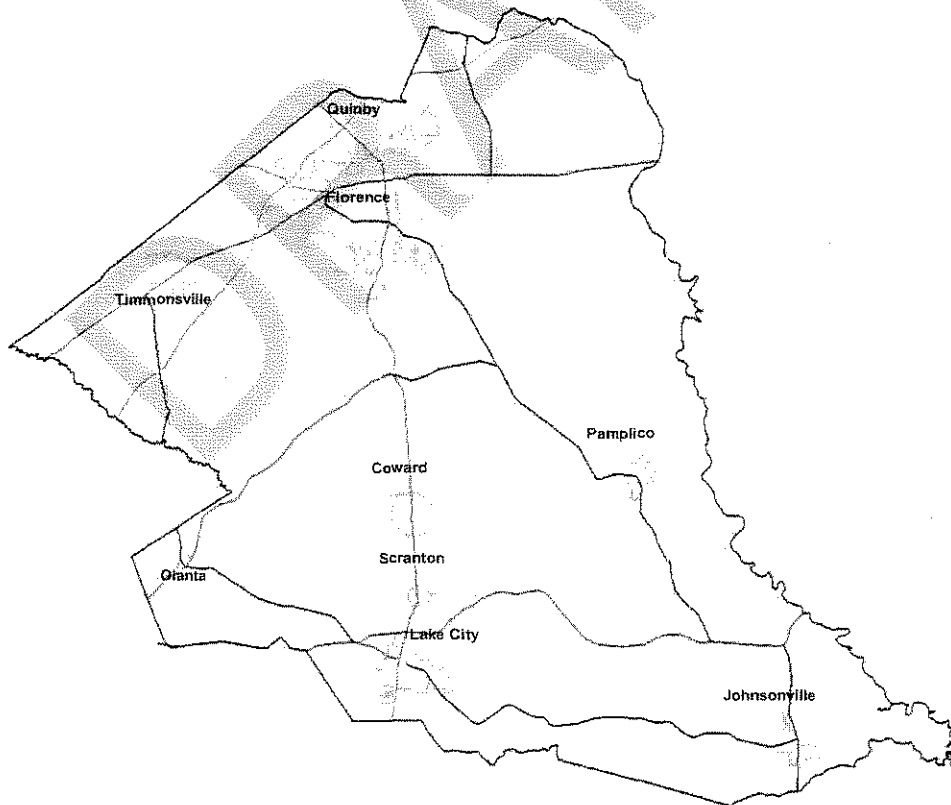
Planning/Regulatory Tool	Blair County	Laward	Florence	Johnsonville	Lake City	Olanta	Pamplita	Quinby	Scranton	Timmonsville
Hazard Mitigation Plan	X	X	X	X	X	X	X	X	X	X
Comprehensive Land Use Plan	X		X	X	X	X	X	X	X	X
Floodplain Management Plan	X		X	X	X		X	X	X	X
Stormwater Management Plan			X							
Emergency Operations Plan	X	X	X	X	X	X	X	X	X	X
Disaster Recovery Plan	X	X	X	X	X	X	X	X	X	X
Economic Development Plan	X		X	X	X	X	X	X	X	X
Historic Preservation Plan	X		X							
Zoning Ordinance	X		X	X	X	X	X	X	X	X
Building Code	X		X	X	X	X	X	X	X	X
Fire Code	X		X	X	X	X	X	X	X	X
National Flood Insurance Program (NFIP)	X		X	X	X		X	X	X	X
NFIP Community Rating System										

Florence County
Hazard Mitigation Plan
Section Three
COMMUNITY PROFILE

Geography and Topography

Florence County is located in the northeast portion of South Carolina in the Pee Dee Region which is within the coastal plain. The county is bordered on the north by Marlboro and Dillon Counties; on the east by Marion County; on the south by Williamsburg and Clarendon Counties; the west by Sumter, Lee and Darlington Counties. Florence County is approximately 804 square miles, of which 800 square miles is land and 4 square miles is water. This is a large county with generally flat terrain with an average elevation of 140 feet. The western and eastern boundaries of the County are extensive floodplains associated with the Lynches and Great Pee Dee Rivers, respectively. Other floodplains are narrow, except for significant portions of Lynches River and some portions of Jeffries Creek.

Figure 3.1 Orientation Map



Florence County's climate is humid and subtropical, with long, hot summers and short, mild winters. The subtropical climate arises from the combination of the state's relatively low latitude, its generally low elevation, the proximity of the warm Gulf Stream in the Atlantic, and the Appalachian Mountains, which in winter, help to block cold air from the interior of the United States. The average temperature range in Florence is 51.3°F to 74.1°F. The record low in Florence County was 0°F in 1985 and the record high was 108°F in 1954. Rainfall average is 46.11 inches with most precipitation occurring during the spring and summer. The most rainfall to occur within a 24 hour period was 13.25 inches in 1916. The average yearly snowfall is 0.6 inches with the largest snowfall within a 24 hour period occurring in 1973 with a total of 13.0 inches. This storm also holds the record for the most snowfall in Florence County from a single storm with a total of 17 inches.

Population and Demographics

As of the 2010 Census, Florence County has a population of 136,885. The 2000 Census reported a population of 125,761 which was a growth of 8.8 percent. The 1990 Census reported a population of 114,344 which was a growth of 9.9 percent. This shows a steady growth of 9.4 percent within the past 20 years which is charted on **Figure 3.2 Population Growth**. **Table 3.1 Population for Participating Jurisdictions** shows population from 1990, 2000 as well as 2010. The 2010 Census shows that, of the nine incorporated municipalities in Florence County, Scranton, Quinby, Coward and Olanta have a population of less than 1000. While the municipalities of Timmonsville, Pamplico and Johnsonville show a population from 1000 to 3000, and Lake City's population is between the ranges of 5,000 to 10,000. The largest jurisdiction is the City of Florence with a population level greater than 30,000. **Figure 3.3 Population Percentages** shows a visual breakdown of these populations.

Figure 3.2 Population Growth

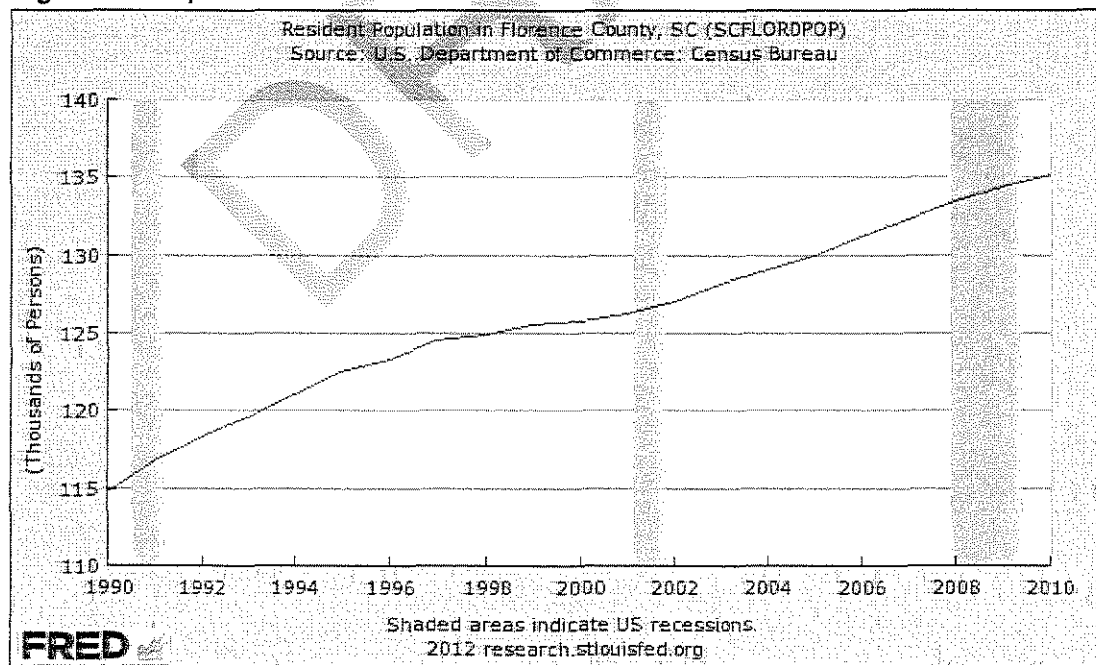
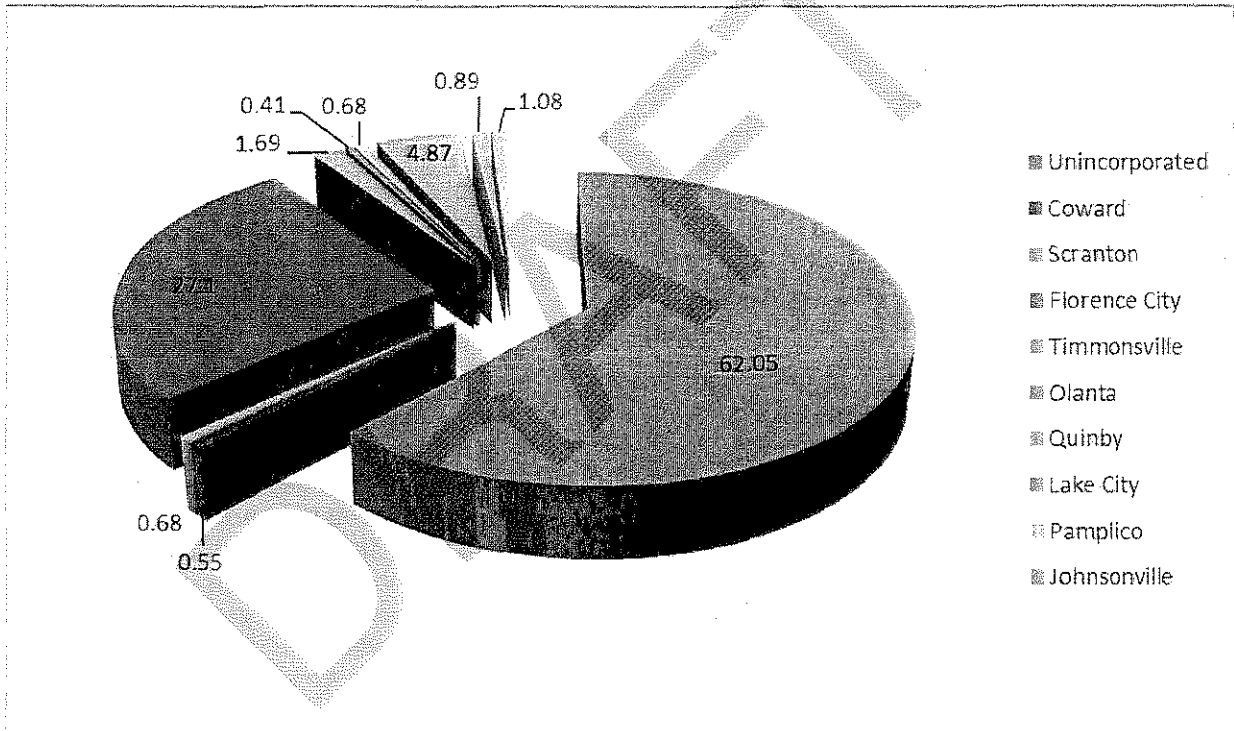


Table 3.1 Population for Participating Jurisdictions

Population for Participating Jurisdictions				
Jurisdiction	1990 Census Population	2000 Census Population	2010 Census Population	% Change 2000-2010
Florence County	114,344	125,761	136,885	8.85%
Unincorporated	69,581	81,116	84,949	4.72%
Coward	532	650	752	15.60%
City of Florence	29,813	30,248	37,056	22.50%
Johnsonville	1,415	1,418	1,480	4.37%
Lake City	7,153	6,478	6,675	3.04%
Olanta	687	613	563	-8.88%
Pamplico	1,314	1,139	1,226	7.09%
Quinby	865	842	932	9.65%
Scranton	802	942	932	-1.07%
Timmonsville	2,182	2,315	2,320	0.21%

Figure 3.3 Population Percentages



Based on the 2010 Census the median age for Florence County is 37.2 years. The percentage of the population under the age of 5 is 6.9 percent while ages 65 and over account for 12.7 percent of the population. The age groups with the largest population totals are 45 to 54 years with 14.4 percent; 35 to 44 years with 13.4 percent; and 25 to 34 years with 12.8 percent.

Also according to the 2010 Census Florence County's population is 56.5 percent white; 40.7 percent black or African American; and 2.8 percent for all other races. 2.1 percent of the population reported being of Hispanic origin.

In 2010, there were 51,636 households in Florence County with the average size of 2.54 people. While families made up 69.9 percent of the households, which includes both married-couple families at 44.8 percent and other families at 25 percent. Nonfamily households accounted for 30.2 percent in Florence County and of those 26.3 percent were householders living alone.

Of the 64.7 percent of the population that is 25 years old or older 19.2 percent have no diploma or its equivalent. 34.2 percent of the population are high school graduates and 46.7 percent went on to attend college. Of those 28.8 percent received various levels of degrees. Florence County has a median income of \$40,487.00 while 18 percent of the population lives below the poverty level.

Florence County has 57,406 housing units and of those there are 61.1 percent single-unit structures. 17.6 percent were multi-unit structures and 21.3 percent were mobile homes. There were 34,112 owner-occupied housing units with a median value of \$108,400.00. The age distribution is as follows:

➤ 2005 – later	3.9 %
➤ 2000 – 2004	9.2%
➤ 1990 – 1999	23.0%
➤ 1980 – 1989	15.8%
➤ 1970 – 1979	19.3%
➤ 1960 – 1969	12.2%
➤ 1950 – 1959	7.7%
➤ 1940 – 1949	4.1%
➤ 1939 or earlier	4.8%

Based on the above information Florence County has a population average of 171.14 persons per square mile as well as 64.56 housing units per square mile.

Figures 3.4 Population Totals show the population distribution at census tract level, based on the 2010 Census. Social vulnerability scores are derived from socioeconomic characteristics of each jurisdiction including age, gender, population, race, income, and the number of mobile homes found in the county. This score indicates the potential for harm to individuals and damage to properties that are more vulnerable than other groups because of socioeconomic conditions. For example, people under age 19 or over age 64 are more vulnerable than the general population due to the need for special assistance should an evacuation be required in an emergency.

Figure 3.4 Population Totals

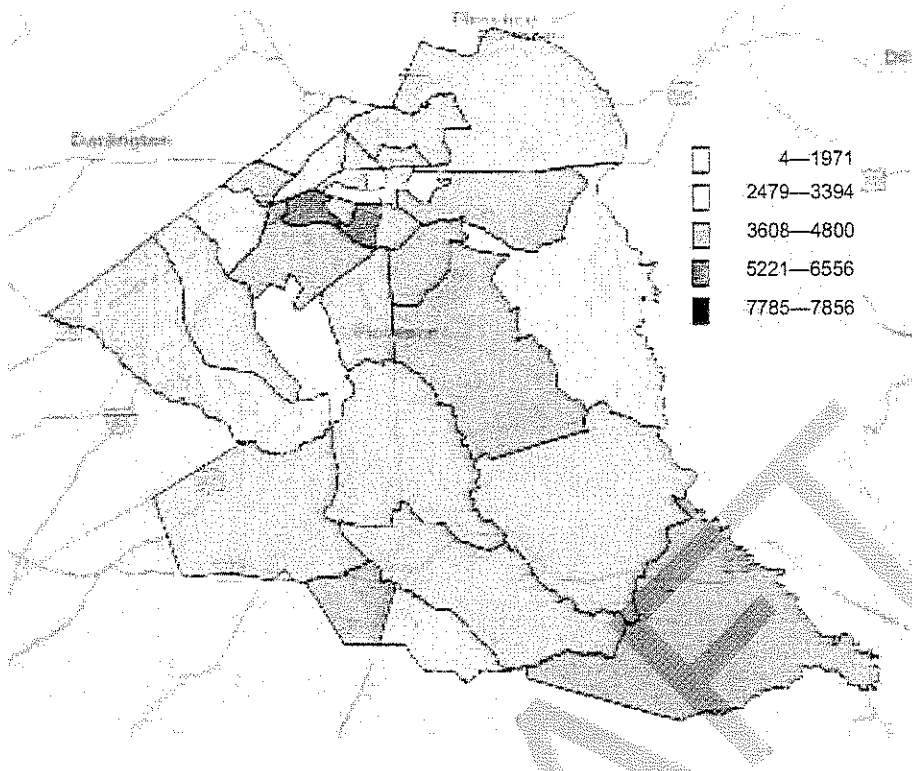


Figure 3.5 Elderly Population Distribution shows the distribution of elderly population density.

Figure 3.5 Elderly Population Distribution

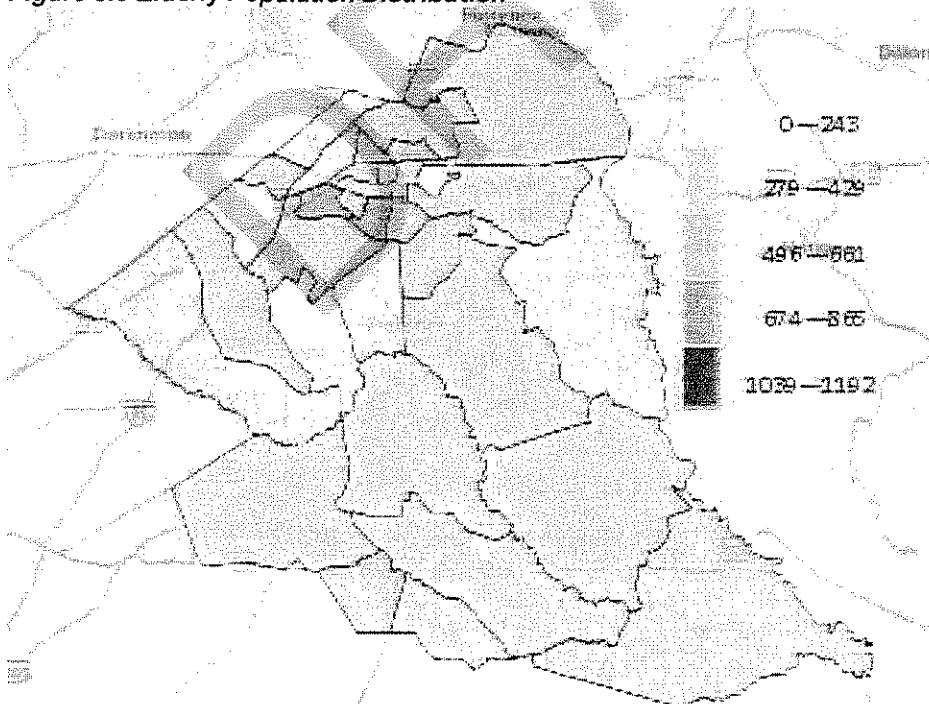
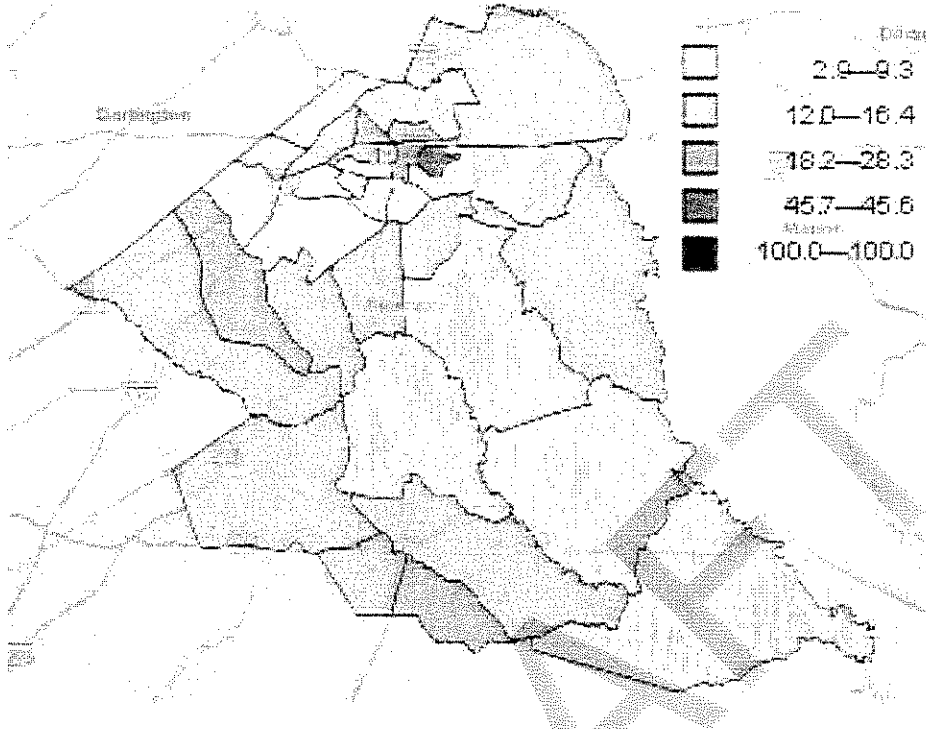


Figure 3.6 Percentage Below Poverty Level shows the distribution of low income population density by census tract for South Carolina.

Figure 3.6 Percentage Below Poverty Level



Utilities and Infrastructure

Transportation

The intersection of Interstate 95 and Interstate 20, which is the half-way point between NYC and Miami, is within Florence County. There are also four other main highways which traverse the county and serve as connectors: Highway 76 connects Florence to Chattanooga, Tennessee while Highway 301 spans to Florida. Highway 52 connects to Charleston, South Carolina or Canada to the north. Highway 378 will direct traffic to Columbia, SC. In general, Florence County has 1,491.87 miles of paved roads with almost 90% being two lanes. In addition, there are over 520 miles of unpaved roads. Florence County is host to a major rail yard for both CSX and Amtrak. The Florence Regional Airport is located on Highway 76/301 in the Greater Florence Area and averages approximately 15 flights daily. Lake City Municipal Airport is located at C.J. Evans field in Lake City and Timmonsville is home to Huggins Memorial Airport.

Utilities

Florence County is served by eight public water/wastewater entities with the City of Florence being the primary provider. The City of Johnsonville, City of Lake City, Town of Coward, Town of Olanta, Town of Pamplico, Town of Scranton, and the Town of Timmonsville operate additional systems. Electrical suppliers in Florence County are Pee Dee Electric Cooperative, Inc. and Progress Energy, Inc. Natural Gas is in most portions of Florence County through SCE&G, a SCANA Company.

Community Facilities

The Florence County Library System is headquartered in the City of Florence at the Doctors Bruce and Lee Foundation Library and has five branch libraries located throughout the County. Additional libraries are found at higher education facilities. Florence-Darlington Technical College includes a library on its main campus and a branch library in the downtown Florence campus. Francis Marion University has a 77,000 square foot library on its campus.

The Florence Civic center opened in 1993 and is the largest indoor venue for entertainment, conventions and civic events in the Pee Dee. The building's 50,000 square feet of multipurpose space is the largest exhibition facility in northeast South Carolina. It includes a 10,000 seat arena, 14,500 square foot Exhibit Hall and the Pee Dee, Waccamaw and Santee meeting Rooms. It is conveniently located near the I-95 and I-20 interchange.

Florence Little Theatre's new facility opened September 2008 and is no less than state-of-the art. The 35,000 square foot facility seats approximately 396 persons and this cultural facility is only one of many efforts that will aid in the revitalization of downtown Florence. The Francis Marion University Center for Performing Arts opened in 2011 in downtown Florence. A multipurpose theatre provides seating for 839 persons. The facility is used for performances, programs and exhibits while also including an Academic Wing for the Department of Fine Arts.

Active and passive recreational opportunities are important for maintaining and increasing the quality of life for residents. Altogether, Florence County contains more than 1400 acres of park land and green space.

Florence County has two major river systems: the Great Pee Dee River and the Lynches River. Both are designated by the State Department of Natural Resources as State Scenic Rivers. Numerous river landings in Florence County provide access to miles of scenic waterways. Florence County has a maintenance agreement with the Department of Natural Resources for seven (designated with an asterisk,*) of the following boat landings:

1. SC Highway 327 Boat Ramp on Black Creek*
2. US Highway 52 Boat Ramp on Lynches River (New Hope)*
3. Odell Venters on Lynches River (Witherspoon's Ferry)*
4. Bluff Road on the Great Pee Dee River (Dewitt's Landing)*
5. Allison Landing on the Great Pee Dee River (Ellison's or Poston Landing)*
6. Mill Branch Road (Red Bluff) on the Great Pee Dee River
7. Persimmon Bluff on Lynches River
8. Glen's Bluff (Ginn's Bluff) on Lynches River
9. Bartell Landing on Lynches River
10. N. Pitch Landing (Pitt's) on Lynches River
11. Mack's Lake on Lynches River
12. Sandstone Road Landing (Smith) on Lynches River
13. Riverside Cemetery Road (River Rest) is located on Lynches River
14. Lee Landing on Lynches River

15. Wicklow Road (Bass Bridge) on Lynches River
16. Courtney Point on Lynches River
17. Cockfield Landing on Lynches River
18. Farrell Drive (Anderson Bridge) on Lynches River
19. Jeffords Road (High Bank) located on Lynches River (High Bank)
20. Bostick's Landing on Great Pee Dee River*
21. Pine Bluff Road(Poston Landing) on the Great Pee Dee River
22. Jimmy Road (Half Moon) Landing Road on Lynches River*
23. New Landing Road on Lynches River
24. Bennie Landing Road on Lynches River
25. Indigo Landing Road on Lynches River
26. Bunk Road on Lynches River
27. Catfish Road on Lynches River
28. Syrup Mill Road (Buster Lynch Landing)
29. Eaddy Landing Road on Lynches River

Education

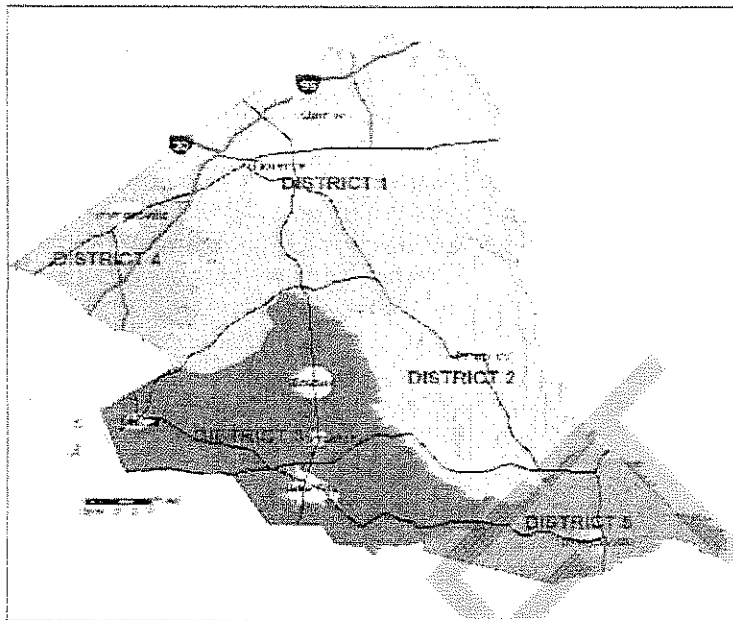
Florence County Schools have been accredited by South Carolina Independent School Administration, South Carolina State Department of Education and the Southern Association of Colleges and Schools. Florence County includes public and private schools. Five public school districts comprise the Florence County Public School System. **Table 3-2 Florence County School Districts** reflects student, administration, and teacher statistics by district for 2006-2007.

Table 3-2 Florence County School Districts

School District	Total Administration	Total Staff	Total Teachers	Total Students	Statistics per Teacher
One	85	1,287	1,062	15,906	14.9
Two	5	96	77	1,237	16.0
Three	27	305	242	3,534	14.6
Four	9	102	56	856	15.2
Five	10	118	85	1,472	17.3
Total	136	1,908	1522	23,005	15.6

The following map, **Figure 3.7 Florence County School Districts**, shows the boundaries of each School District and its respective district number. A summary of each District's facilities follows the countywide map.

Figure 3.7 Florence County School Districts



Florence County School District One is the largest of the five districts in land area and student population and serves the City of Florence, the Town of Quinby and the community of Effingham. Florence District One owns a total of 27 facilities and two vacant properties. These facilities include fifteen elementary schools, three middle schools; three high schools, one administration building, Dr. R. M. Beck Center (Carver Community Center), one career center, Poyner School, which serves as a combination of an administration building and adult center, one Parent Learning Center, The James F. Reames, Jr. (Clinical Day Center) and a warehouse. Florence School District One also leases a house at 612 S. Coit Street for their Still Acquiring Independent Life Skills (SAILS) Program.

Florence County School District Two serves the Towns of Pamplico and Hannah. District Two includes Hannah-Pamplico High School and Hannah-Pamplico Elementary/Middle School. The District Two office is located between these two schools.

Florence County School District Three serves Lake City, the Towns of Coward, Scranton and Olanta. There are eight facilities within this district which include one high school and seven elementary/middle schools.

Florence County School District Four serves the Town of Timmonsville and the Sardis and Cartersville Townships. In 2000, the District built a new K-12 educational complex consolidating four older schools.

Florence County School District Five educates the children of the City of Johnsonville, Vox, Prospect, and Kingsburg communities. The facilities include Johnsonville's High School Vocational Center and a primary elementary school as well as the Florence School District Five Campus Health Center.

Francis Marion University is a four year college with one of the most diverse student bodies in the South and enrolls nearly 4,000 students. They offer undergraduate and graduate degrees in over 30 areas of study.

Florence-Darlington Technical College is a two year school that offers quality education in more than 75 fields of study. Among the special services and programs at the main campus are the ESAB School of Welding and Cutting, the Advanced Welding and Cutting Center, the Caterpillar Dealer Academy, and a Cisco Systems Training Laboratory. Southeastern Institute of Manufacturing and Technology (SiMT) is located at Florence Darlington Technical College. SiMT provides customers with strategic training and manufacturing technology solutions that maximize workforce productivity in advanced manufacturing environments. They offer a variety of training in manufacturing areas (including quality, machining, rapid prototyping, fluid power, robotics, electronics, maintenance, and programmable logic controls), health, safety, computing, networking, environmental, biotechnology, business, management, supervision, and more.

Medical

Florence County is included in the Pee Dee Health District, one of the fifteen Department of Health and Environmental Control (DHEC) health districts in the State of South Carolina. Two Health District facilities exist in Florence County in addition, DHEC maintains Home Health Care Services which provides health care to people who are confined to their homes because of illness or injury. In addition, the Florence County Environmental Services Department includes environmental services such as animal control, litter control, mosquito control, inmate litter removal crews, and the Adopt-A-Highway program. Vital Records are also a component of the DHEC. It provides for the registration, correction and certification of vital events including live births and deaths.

McLeod Regional Medical Center is one of the largest employers in the Pee Dee with more than 3,000 employees. In addition, this medical center is a 371-bed center and region wide, McLeod Health is associated with more than 375 physicians. McLeod offers many services including the Heart and Vascular Institute, cancer center, women's services, children's hospital, Center for Advanced Surgery, radiology, occupational health, surgery, ophthalmology and ophthalmologic surgery, diabetes, emergency, urgent care center, home health, Hospice and sports medicine. McLeod is also the only teaching hospital in this region. Furthermore, nearly 50 percent of McLeod's inpatients are referred from outside Florence County to receive specialty care.

Carolinas Hospital System is a 420-bed hospital with over 300 specialized physicians. Carolina's Hospital has eleven operating suites including one for open heart surgery. Carolina's provides diagnostic services, women's health services, cancer services, cardiac care, rehabilitation services, emergency/trauma services and community wellness facilities and programs.

Lake City Community Hospital is a 48 bed hospital. The medical staff consists of family practitioners, emergency room physicians, general surgeon, radiologists, orthopedists, internist, and four physician assistants.

Employment and Industry

In the last decade, changes within the County and largely on the national scale have had an influence in the types of jobs available. Florence County is significantly affected by transformations in the economy due to evolving technology, a growing global market and the increasing level of education in the workforce. Education is a basic factor in achieving the best results for the economy. Computer literacy is critical in the market today due to the sophistication of machinery as well as a means of communication.

Significant biomedical and financial businesses are located in Florence County either in the downtown area or I-95 and I-20 connectors. Specifically, two hospitals and two major pharmaceutical companies as well as banking regional offices and many large local banking services are locally established. Service industries are the biggest employers in Florence County with two hospital systems employing the most people. McLeod Regional Medical Center and Carolina's Hospital System employed over of 6,500 workers in 2012. While the hospital systems seem to be two of the largest employers, there is still a diversity of manufacturers in the County with well-known national names such as ESAB, General Electric, Honda, Johnson Controls, NanYa, Roche Carolina, and Vulcraft. Florence County has been the location of numerous large-scale corporate establishments. The location of Honda to Timmons ville in 1997, along with the additional companies such as QVC and expansions announced by Johnson Controls and Institution Food House will increase the number of jobs over the next few years. In 2008, Pepsi Cola Inc. and H.J. Heinz announced building new operations at the Touchstone Energy Commerce City. Of the population of 105,136, age 16 years and over, 65,821 are in the labor force and there is currently an unemployment rate of 9.6 percent.

Table 3.3 Population Percentages represents the population percentages and projections for Florence County from 1970-2030. The population age 0 to 17 shows a decrease of 13.1percent from 1970 to 2030 while the population 65 and over shows an increase of 12.71percent. The population white non-Hispanic decreases from 60.53 percent in 1990 to 49.69 percent in 2030. The population black non-Hispanic increases from 38.65 percent in 1990 to 45.87 percent in 2030. The Hispanic population (any race) shows a projected increase to 2.42 percent in 2030.

Table 3.3 Population Percentages

	1970	1980	1990	2000	2015	2030
Percent of Population Age 0-17	38.84%	32.11%	28.35%	25.76%	25.98%	25.74%
Percent of Population Age 65 +	6.94%	8.68%	11.08%	11.82%	14.98%	19.65%
Percent of Population White Non-Hispanic	n/a	n/a	60.53%	58.50%	53.62%	29.69%
Percent of Population Black Non-Hispanic	n/a	n/a	38.65%	39.44%	43.16%	45.87%
Percent of Population Hispanic (Any Race)	0.14%	0.42%	0.44%	1.12%	1.69%	2.42%

Table 3.4 Largest Employers lists the largest employers for Florence County as of 2012. Its climate is a contributing factor as well as the southeastern location between New York and Miami. Industry, new and expanding businesses have invested more than \$1.1 billion since 1997, creating well over 6,000 new jobs.

Table 3.4 Largest Employers


Employer	Business Sector	Number of Employees
McLeod Regional Medical Center	Medical	4700
Carolinas Hospital System	Medical	1815
Florence School District One	Education	1718
TRICARE (Blue Cross Blue Shield)	Insurance Services	1600
Honda of South Carolina	Manufacturing	1553
J.P. Morgan Chase	Insurance Services	1150
ESAB Welding and Cutting Products	Manufacturing	950
Florence County	Government	898
Nan Ya Plastics Corporation	Manufacturing	860
Assurant Group	Insurance Services	675


Land Use


Based on information obtained from the Florence County Comprehensive Plan dated 2009, Florence County land use has changed dramatically. Florence County, a landscape once dedicated to tobacco and a growing railroad in the mid- to late- 1800's, is now represented by a diverse amalgam of uses. Agriculture continues to dominate the County by sheer land area, but, healthcare, manufacturing, new residential subdivisions, commercial ventures and industrial complexes now dot urban and suburban locales across the County's 800 square miles. The Florence County strategy of the future land use emphasizes sustainable development throughout the county. Balancing economic and social development with the natural resource conservation and renewal for future use is the basis of sustainable development. Currently Florence County has 171,388 acres of farmland which is 34 percent of total land area. There are 249,099 acres of forestland which is 57 percent of total land area as well as 225,057 acres of wetland that comprises 44 percent of Florence County. There is also 14,466 acres of land which is commercial developed that is 2.8 percent of total land area.


To maintain a healthy community while providing quality services for our residents, businesses and visitors, a diversity of land uses should be provided. These land uses include a variety of residential densities along with commercial, industrial, schools, parks, a flood hazard district and other community components. The goal of this element is to categorize land uses in a geographic manner to increase the quality of life for Florence County residents while preserving the County's natural resources.


Future Land Use Designations and Objectives


 Residential Preservation (RP) – Protect and sustain existing low density single-family residential areas, including property values and amenities, and provide for the growth of suburban or developing rural areas consisting of single-family homes and their accessory uses. (Zoning Districts Permitted: R-1, R-2, R-3, PD)


 Variable Residential (VR) – Protect and sustain existing higher density single-family, multi-family, or mixed-use residential areas, including property values and amenities, and provide areas for growth of various housing types and their accessory uses in urban and suburban settings. (Zoning Districts Permitted: R-3, R-4, R-5, PD)


 Rural Preservation (RUP) – Protect and sustain existing rural uses, including single-family homes and corresponding accessory uses, as well as agrarian uses, typically in an undeveloped and/or agricultural setting. (Zoning Districts Permitted: RU-1, RU-2, PD)


 Transitional Growth and Preservation (TGP) – Protect and sustain existing commercial areas, including property values and amenities, and provide areas along important corridors or at key community points that are expected to have increasing economic significance. (Zoning Districts Permitted: B-1, B-2, RU-1, PD)


 Commercial Growth and Preservation (CGP) – Protect and sustain existing commercial areas, including property values and amenities, and provide areas along important corridors or at key community points that are expected to have increasing economic significance. (Zoning Districts Permitted: B-3, B-4, PD)

 Industrial Growth and Preservation (IGP) – Protect and sustain existing industrial areas, including property values and amenities, and provide areas along important corridors or in emerging industrial locations that are targeted for major economic development. (Zoning Districts Permitted: B-5, B-6, PD)

 Suburban Development (SD) – Provide areas in suburban settings that are expected to have increasing community significance with opportunities for residential, commercial, and institutional uses that enhance the area as a whole. (Zoning Districts Permitted: R-2, R-3, R-4, B-1, B-2, RU-1, PD)

 Urban Development (UD) – Provide areas in urban settings that are expected to have increasing community significance with opportunities for mixed residential, commercial, and institutional uses that enhance the area as a whole. (Zoning Districts Permitted: B-4, PD)

 Public Facilities (PF) – Provide areas that local, state, or federal government maintained areas for public interest uses including, but not limited to water and sewer facilities, offices, recreation facilities, law enforcement, emergency response facilities and schools. (Zoning District Permitted: All Districts)

 Flood Hazard District (FHD) – This is the 100-year Flood Zone area as established by the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) and is pursuant to compliance with the National Flood Insurance Program (NFIP) and to maintain a Community Rating System (CRS). This district will be updated following any updates to the FEMA FIRM maps. (Zoning Districts Permitted: All zoning types pending special review pursuant to Florence County Code of Ordinances: Chapter 30, Article II, Division 4)

The following maps depict the locations and extent of the Future Land Use categories. In addition to maps, some municipalities have plans to revitalize downtowns. This information is also presented. Three municipalities are outside of the county's consolidated planning effort. As a whole, the Florence County Future Land Use map displays predominant trends in agriculture and flood hazard categories denoted by municipal and industrial uses. Non-participating municipalities are shown without designations. The following maps will represent the extent of the future land use designations with the first map an overview of Florence County. To depict greater detail, municipalities are numbered and referenced with **Table 3.3**:

Table 3.3

Municipality	Figure 7-15 map number(s)	Reference Figure ID
Coward	9	Figure 3.9
City of Florence	1	Figure 3.10
	2	Figure 3.11
	3	Figure 3.12
	4	Figure 3.13
	5	Figure 3.14
Johnsonville	13	Figure 3.15
Lake City	12	Figure 3.16
Olanta	8	Figure 3.17
Pamplico	10	Figure 3.18
Quinby	6	Figure 3.19
Scranton	11	Figure 3.20
Timmonsville	7	Figure 3.21

Figure 3.8 Florence County Future Land Use

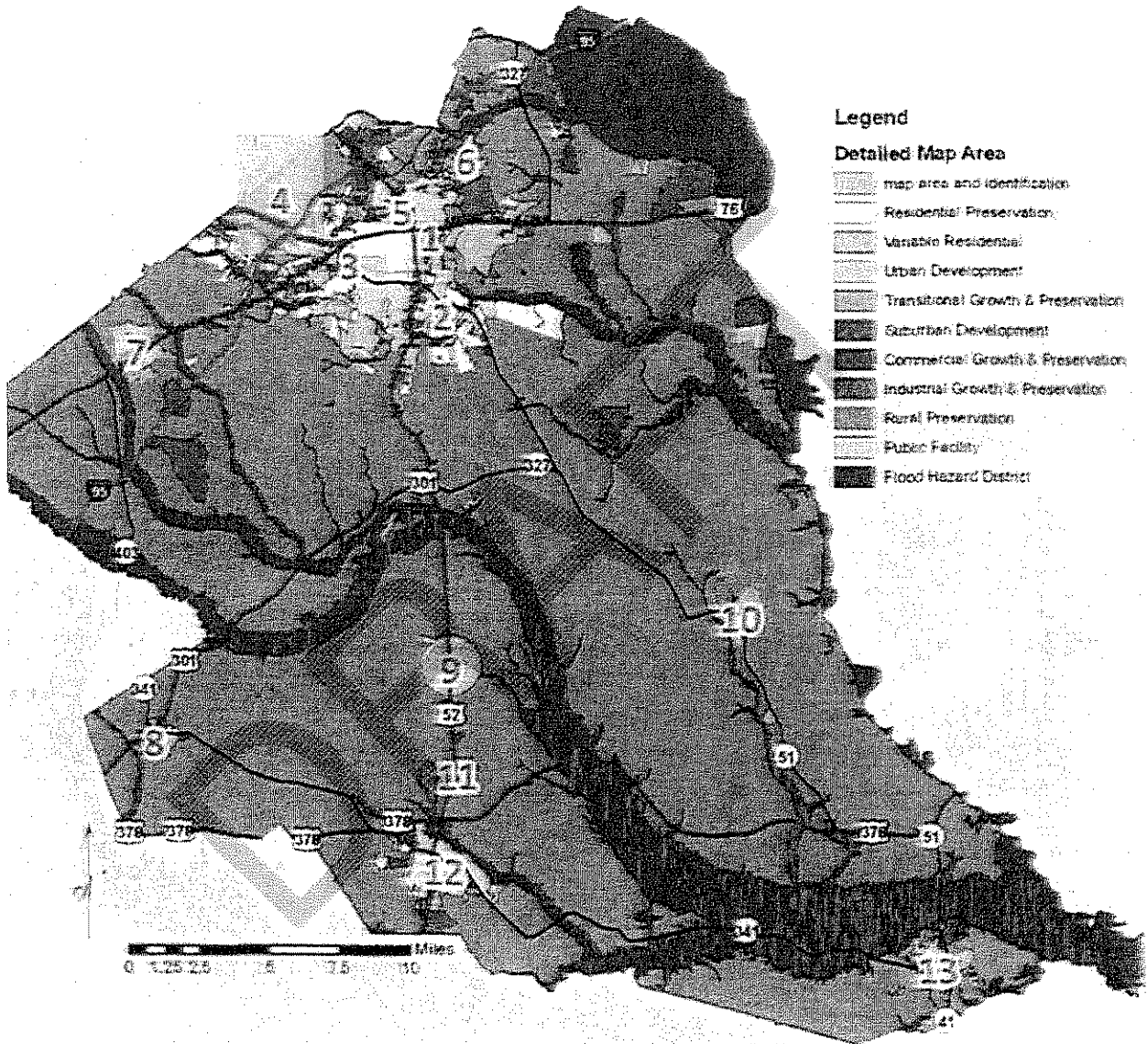


Figure 3.9 Coward Future Land Use

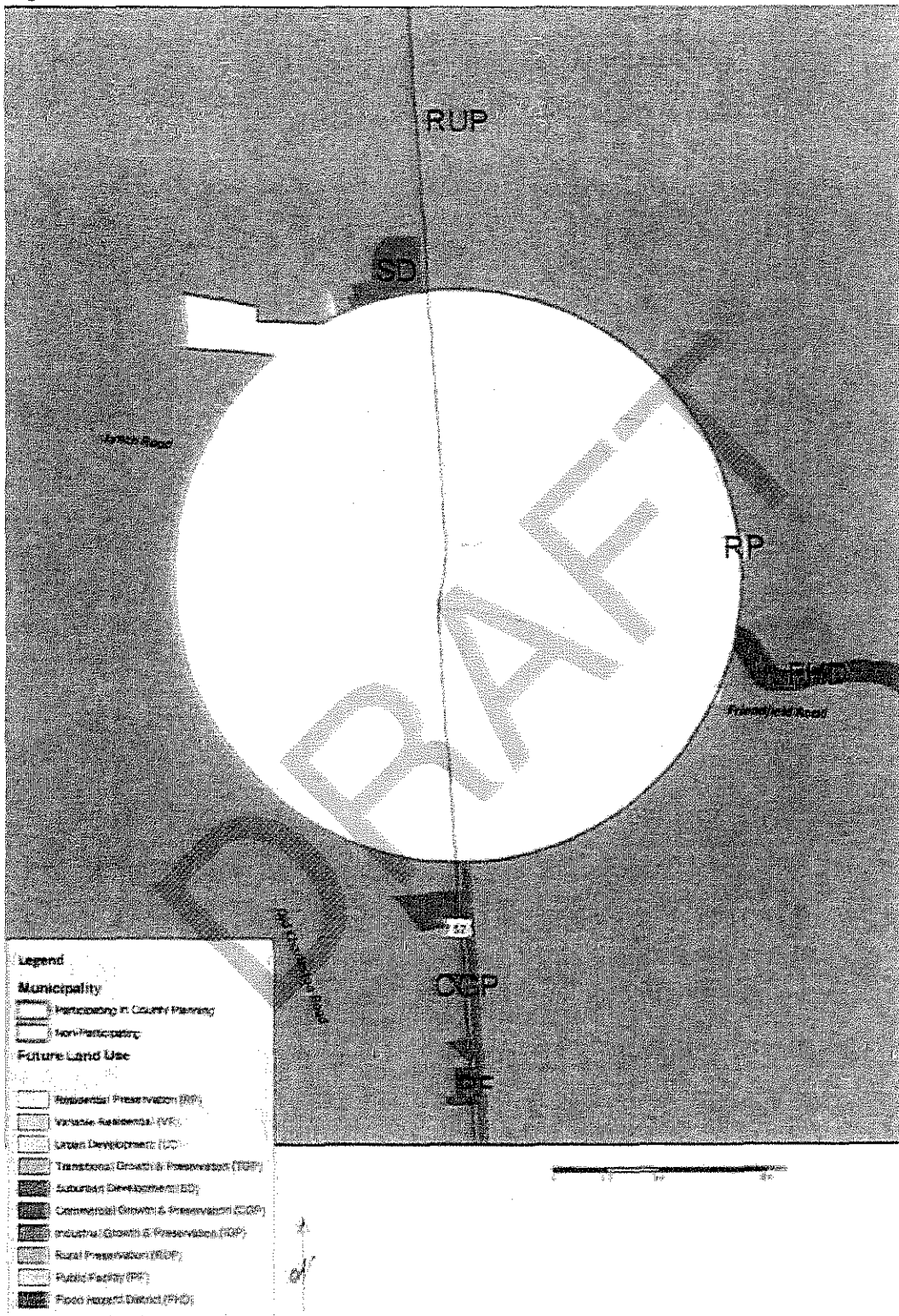


Figure 3.10 City of Florence Future Land Use 1

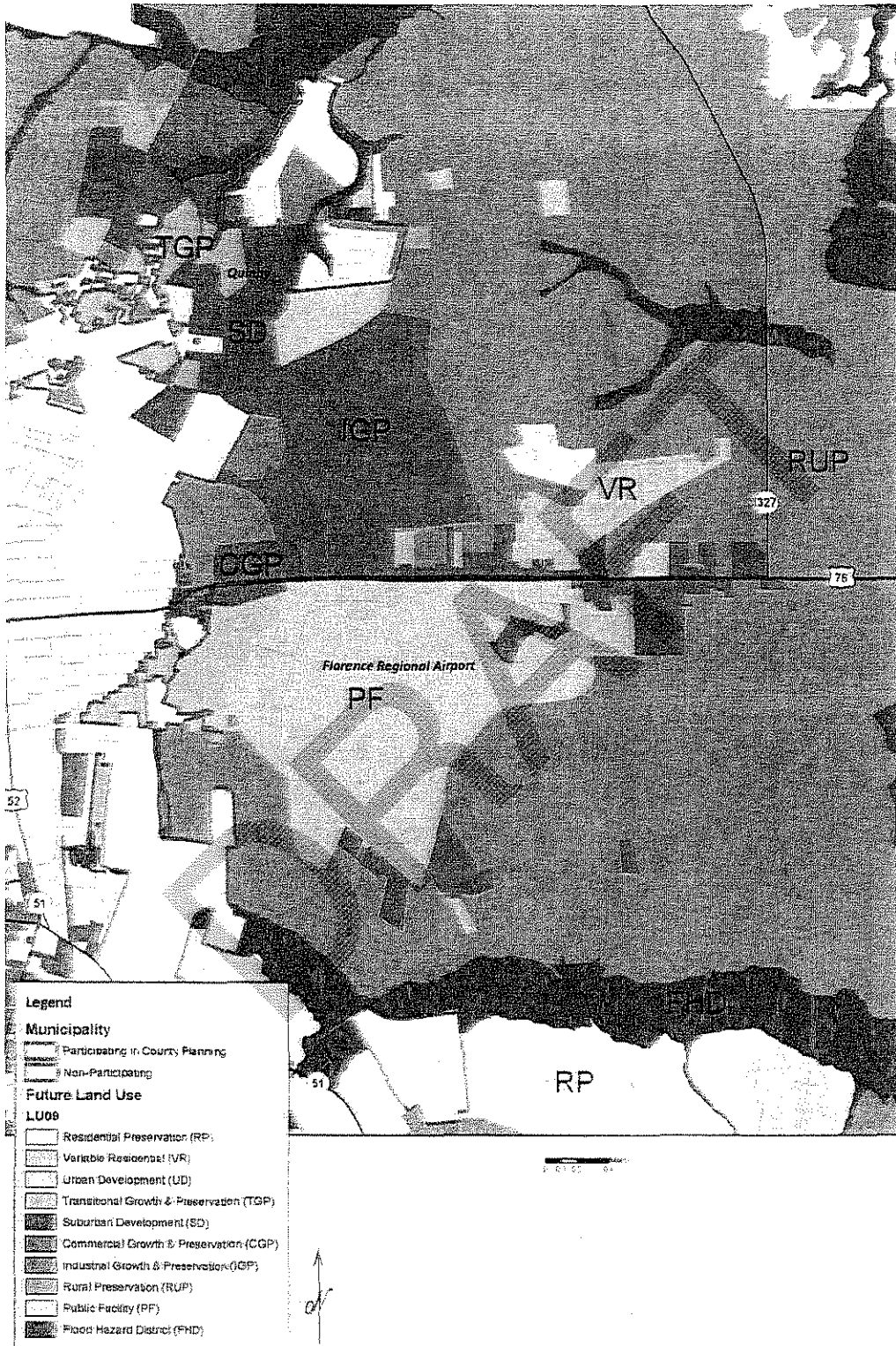


Figure 3.11 City of Florence Future Land Use 2

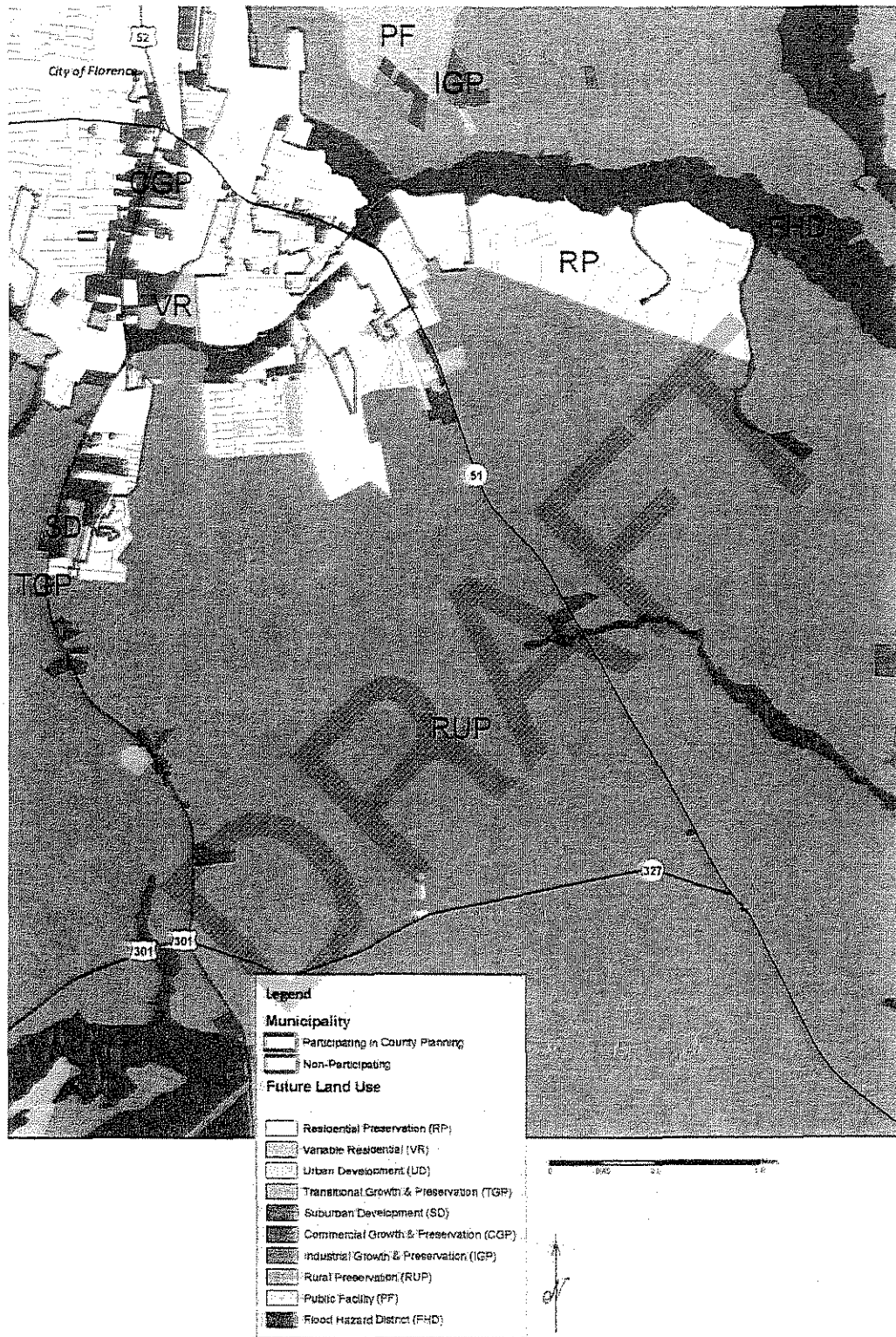


Figure 3.12 City of Florence Future Land Use 3

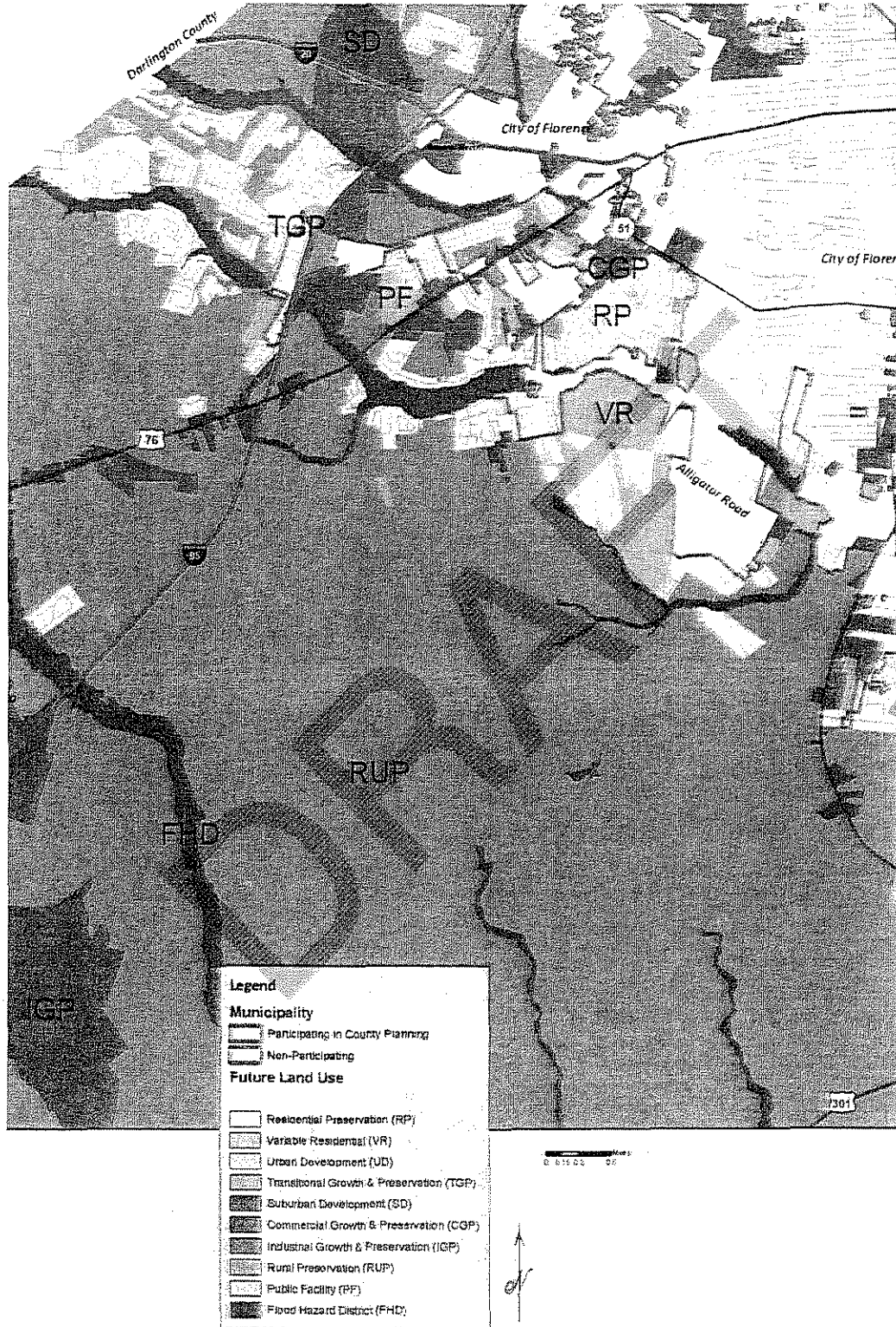


Figure 3.13 City of Florence Future Land Use 4

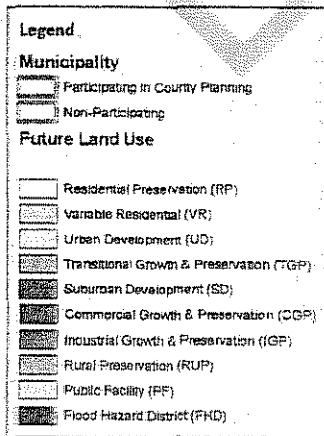
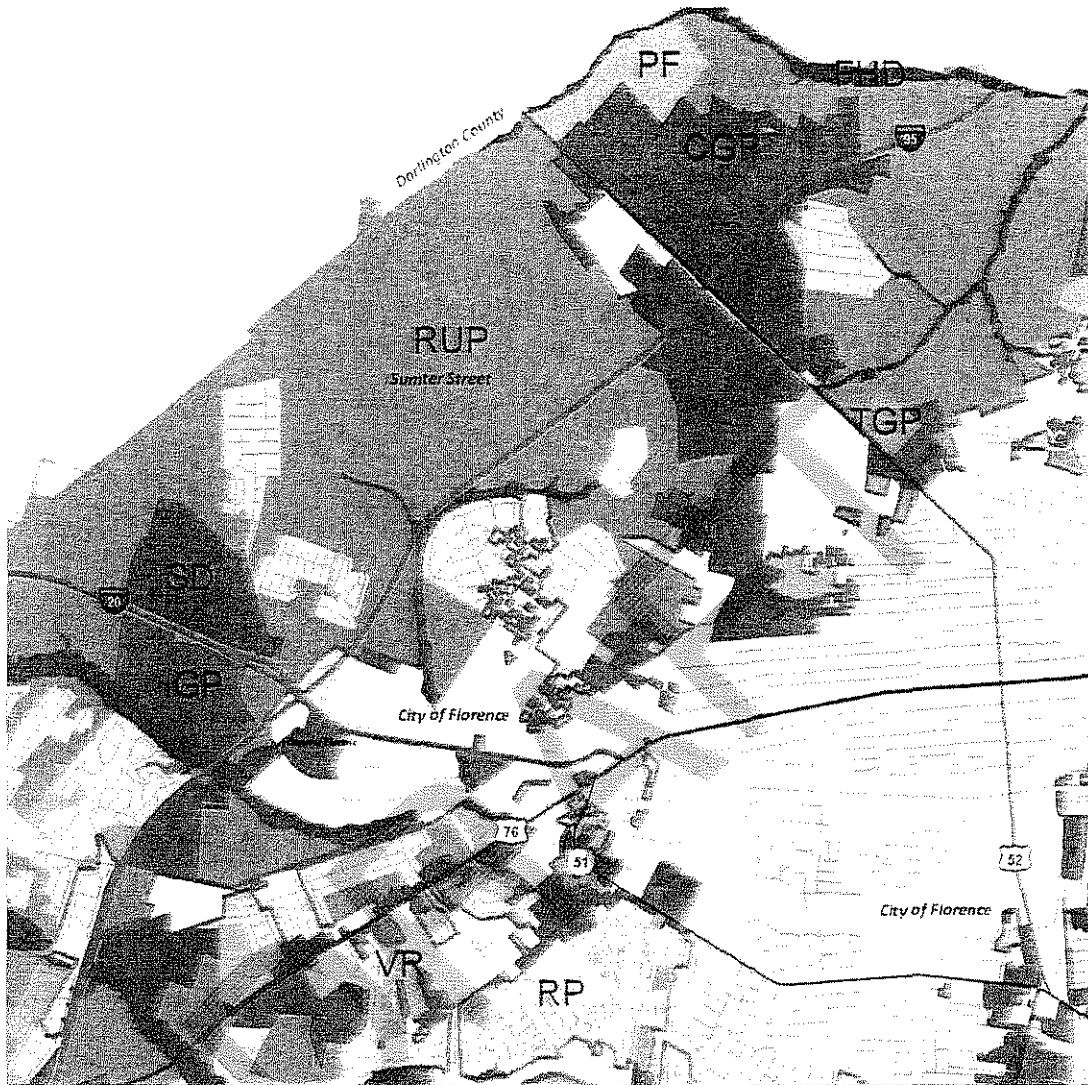


Figure 3.14 City of Florence Future Land Use 5

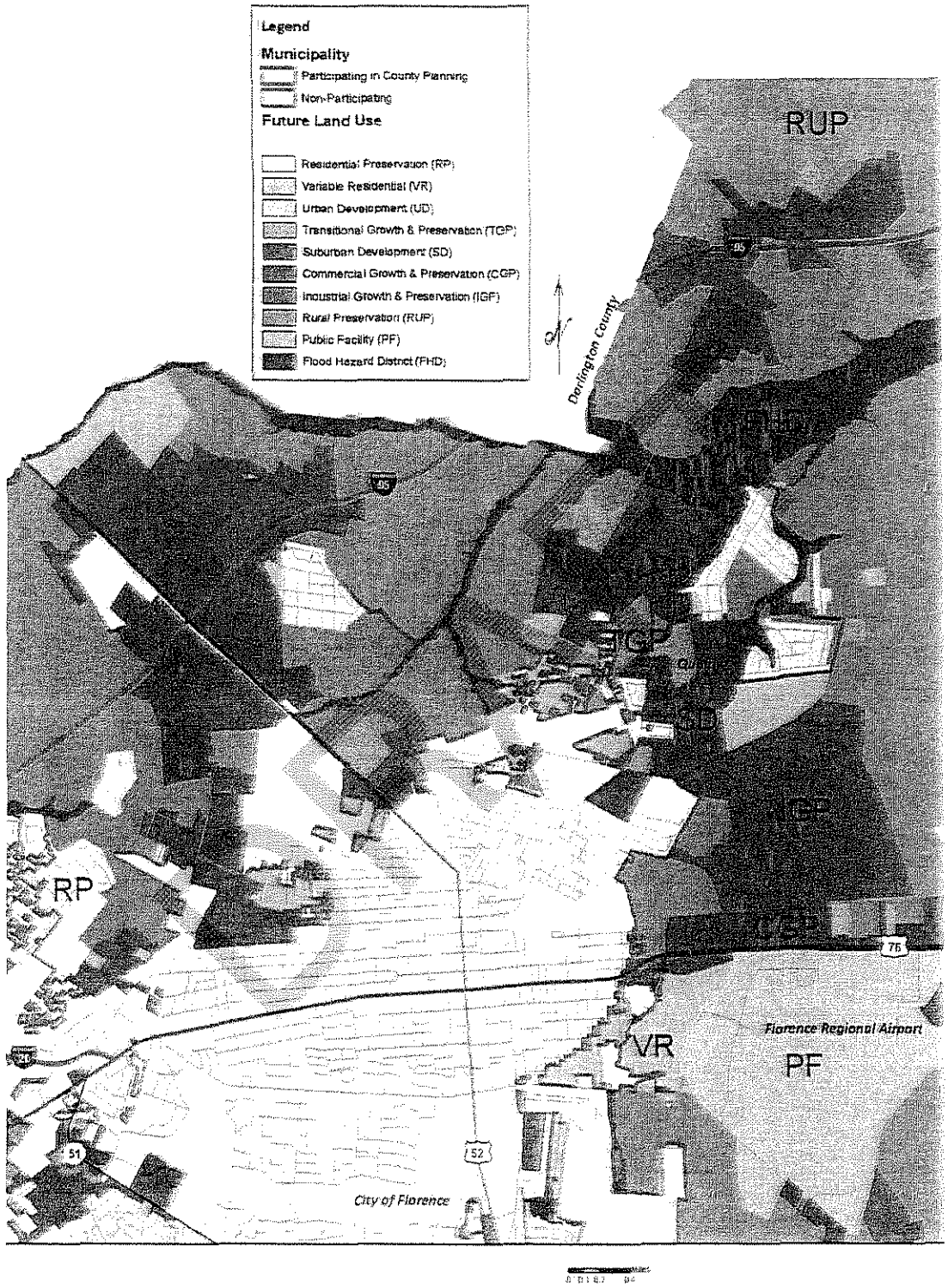


Figure 3.15 Johnsonville Future Land Use

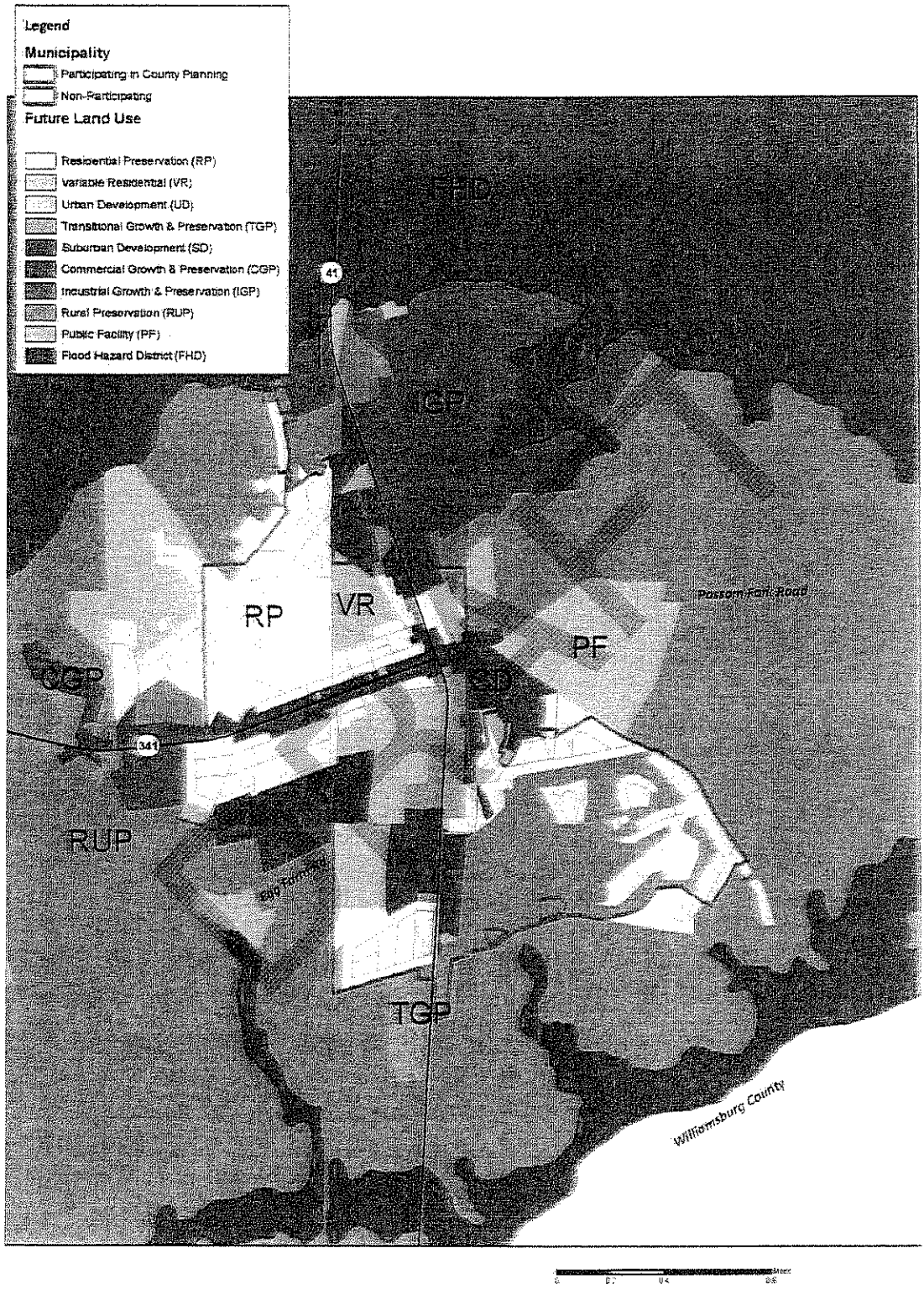


Figure 3.16 Lake City Future Land Use

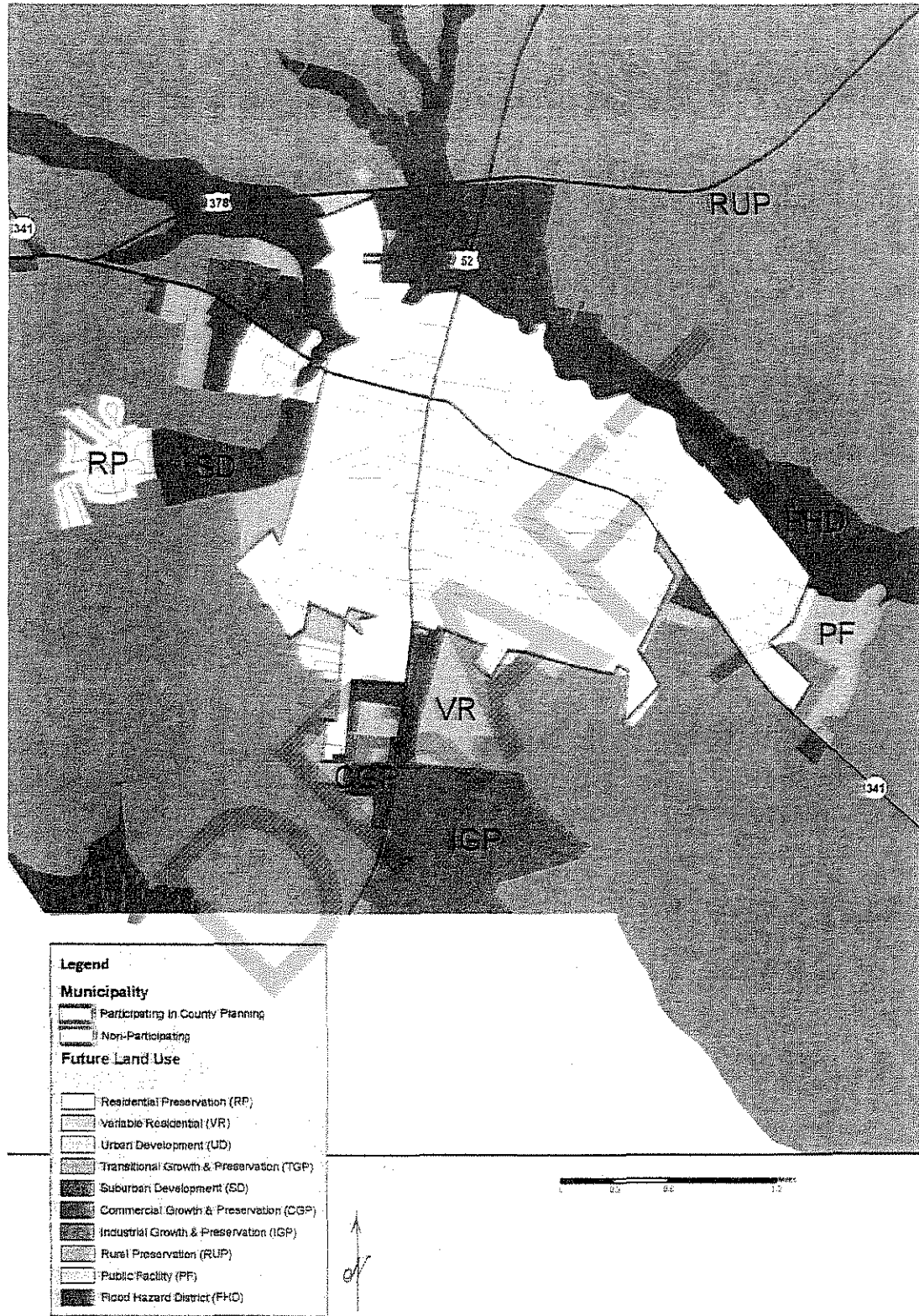


Figure 3.17 Olanta Future Land Use

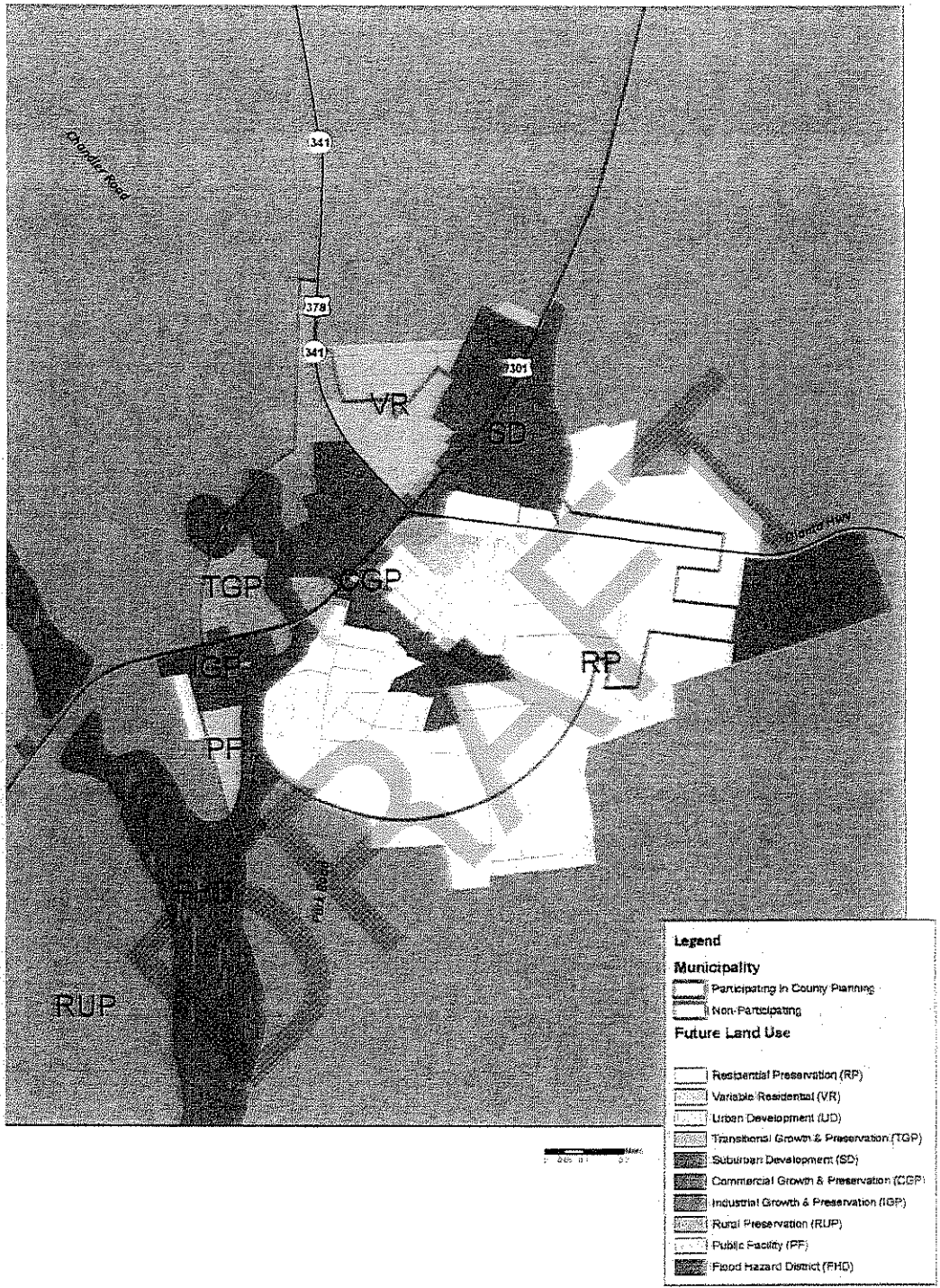


Figure 3.18 Pamplico Future Land Use

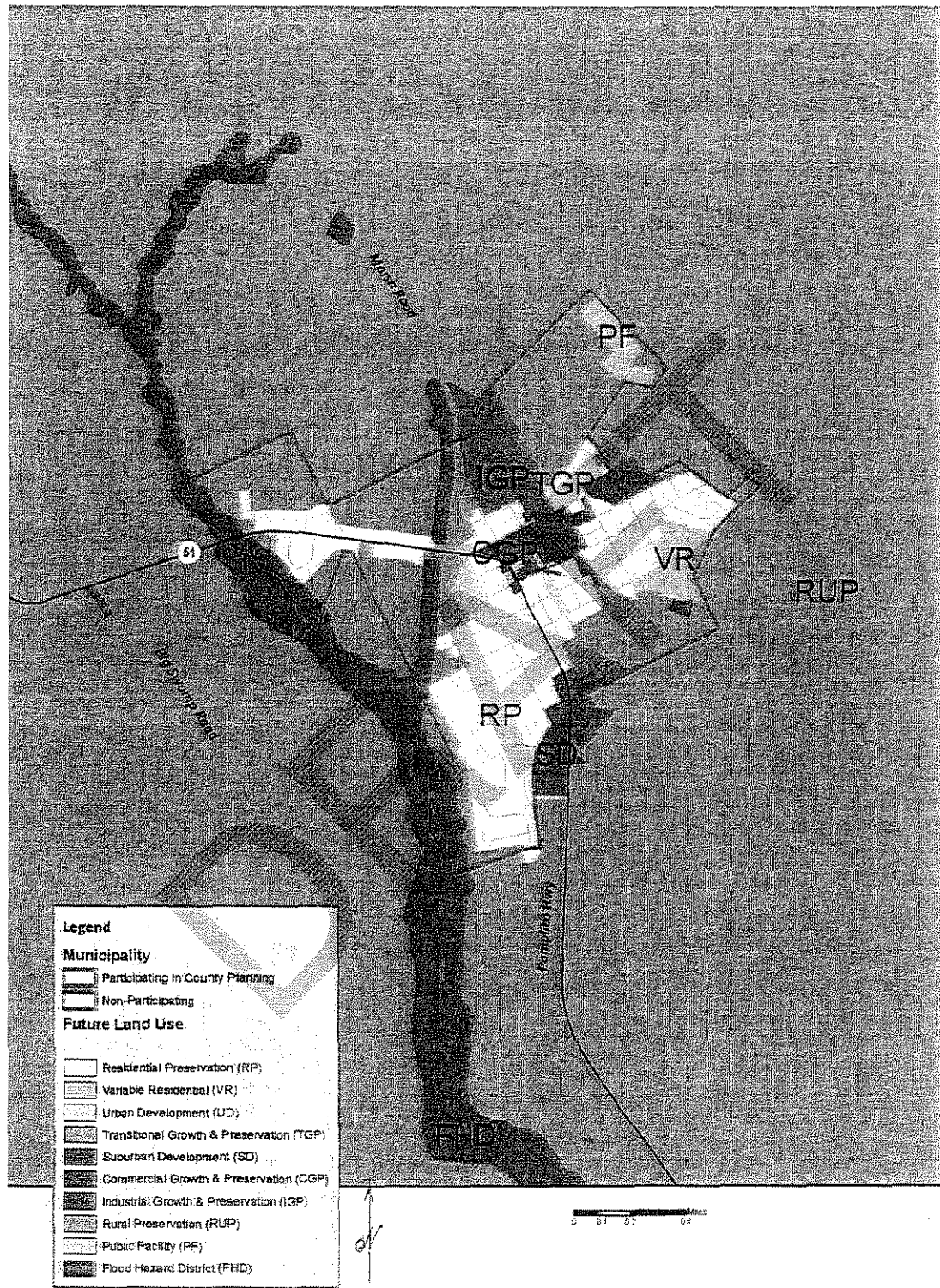


Figure 3.19 Quinby Future Land Use

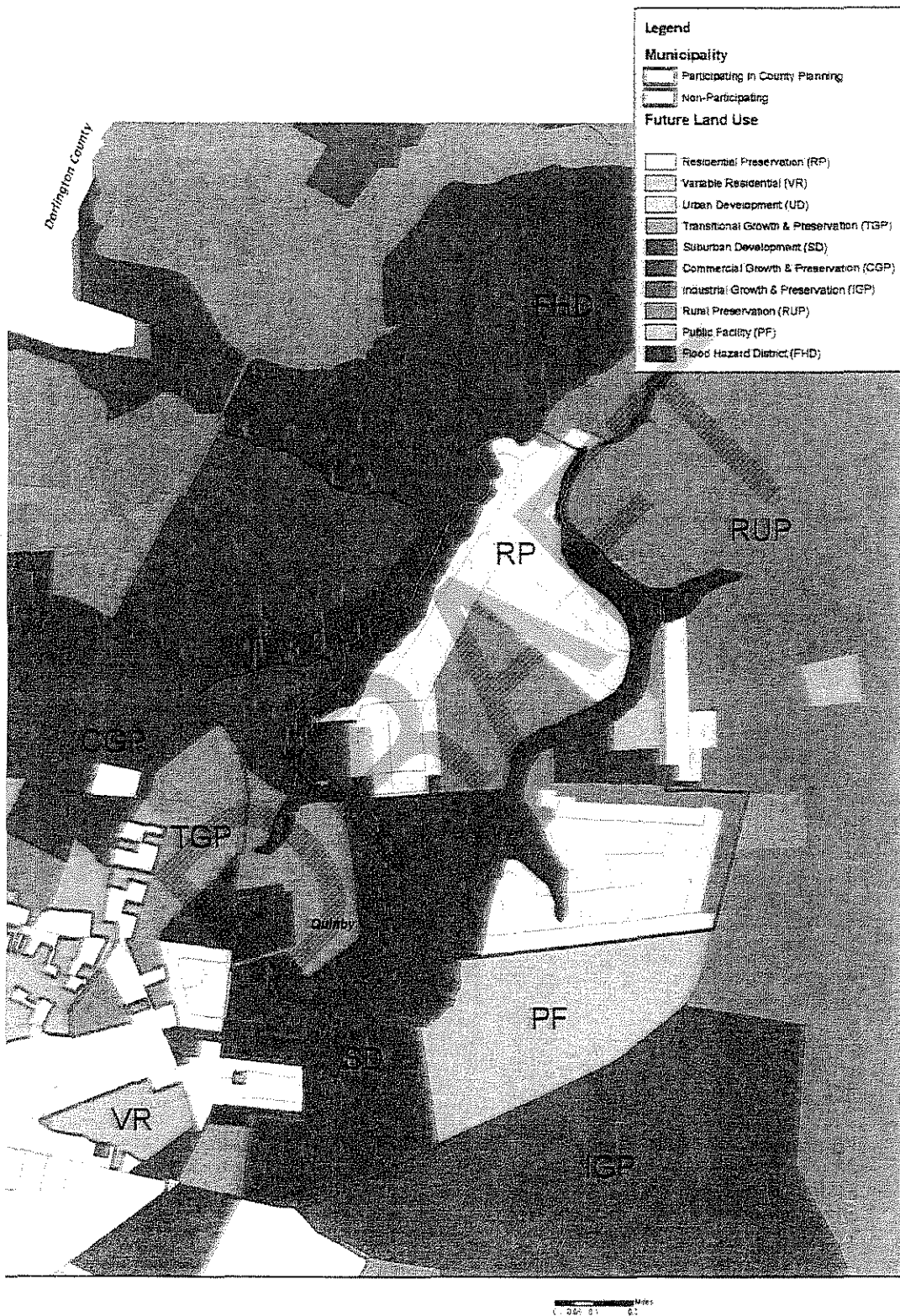


Figure 3.20 Scranton Future Land Use

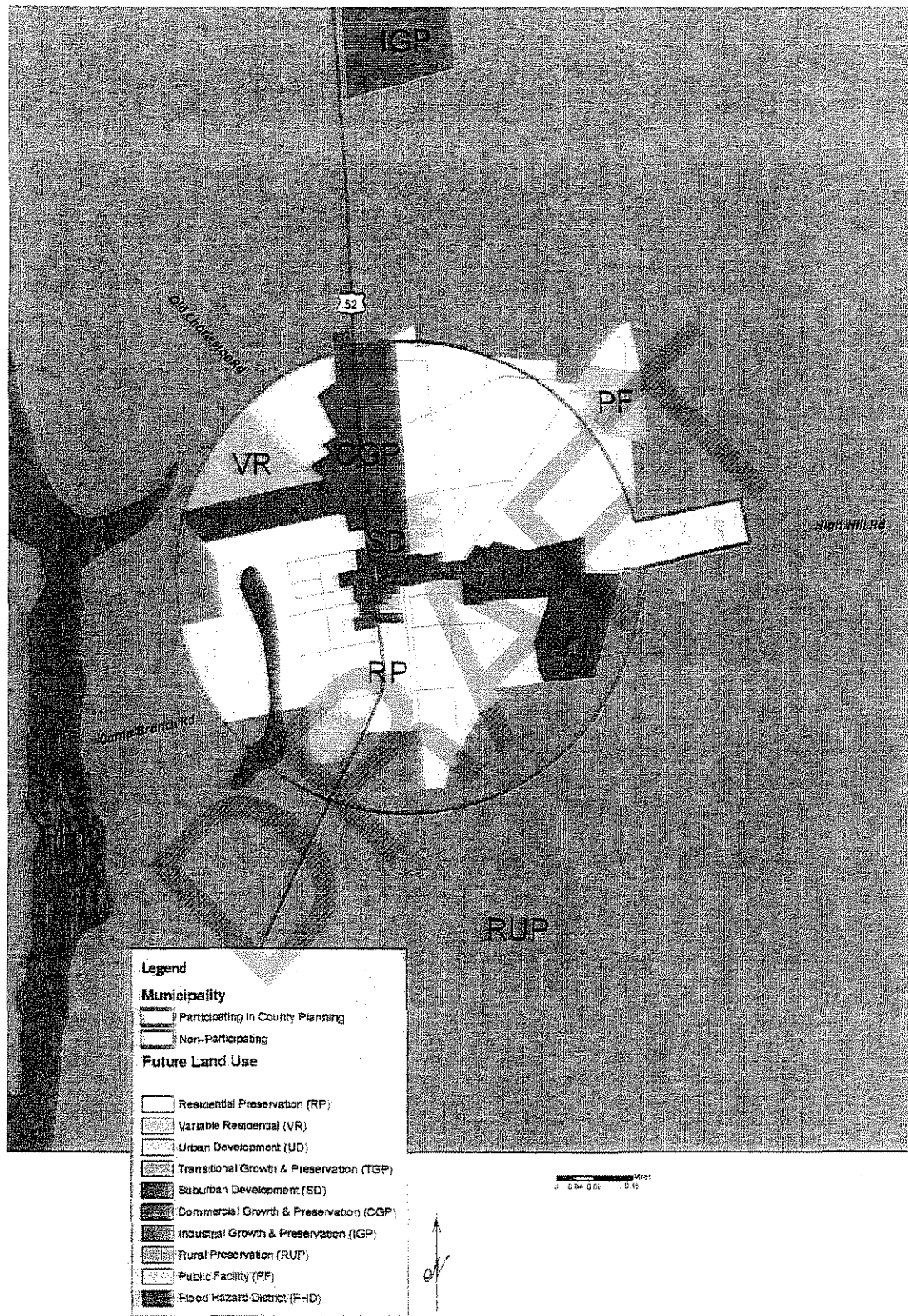
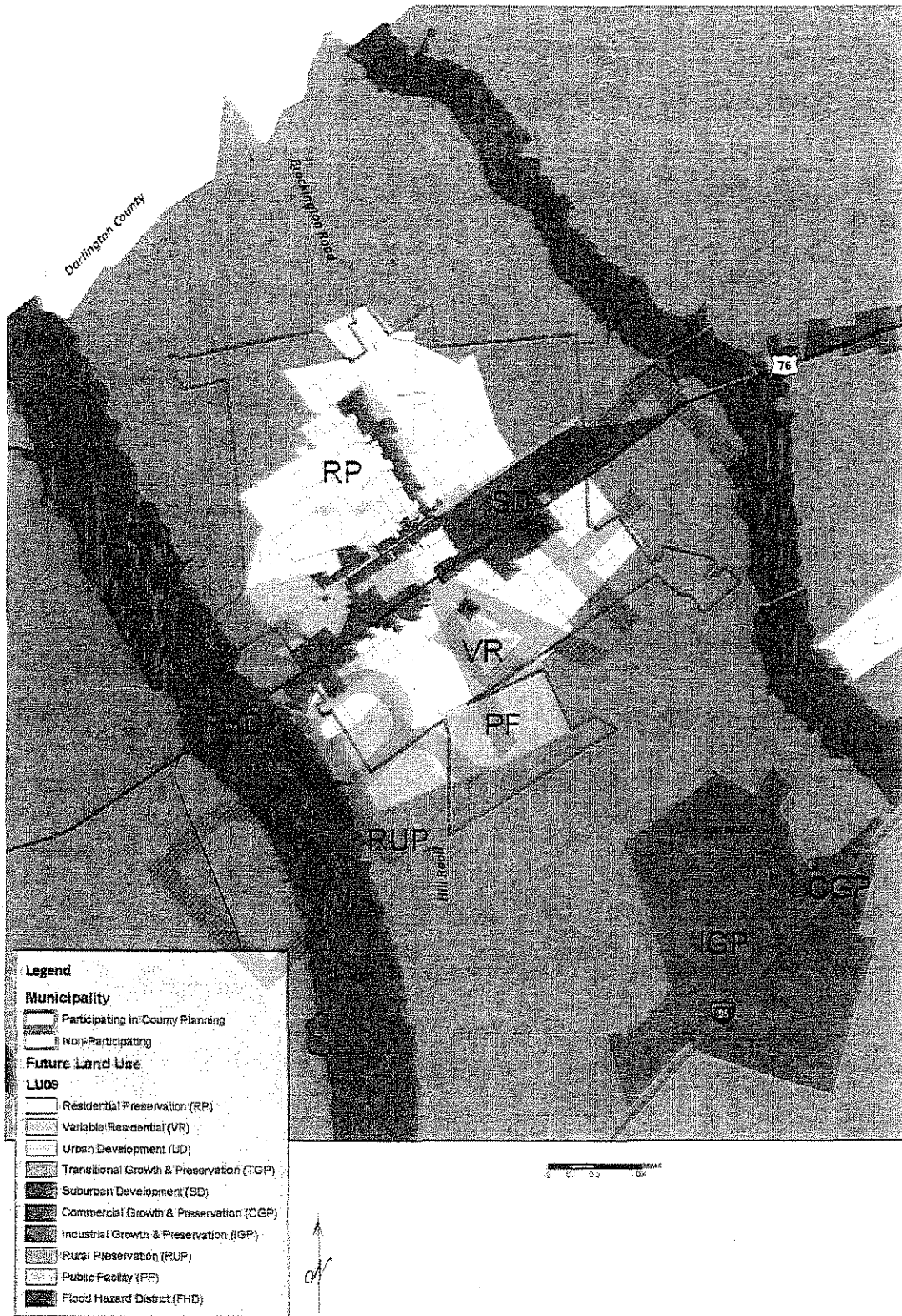


Figure 3.21 Timmonsville Future Land Use



Florence County
Hazard Mitigation Plan

Section Four

HAZARD IDENTIFICATION AND RISK ASSESSMENT

Introduction

This section of the plan summarizes the results of the hazard identification process undertaken by the FCHMPC with assistance from the staff of the Florence County Planning Department and the Florence County Emergency Management Department. The intent of this section is to provide a compilation of the information gathered about the hazards threatening Florence County. The process utilized for the development of this plan is very specific to the jurisdictions within Florence County and responsive to the unique characteristics of each.

The FCHMPC reviewed the following information sources to identify hazards that may affect the county. Numerous federal agencies maintain a variety of records regarding losses associated with natural hazards. Unfortunately, no single source offers a definitive accounting of all losses. The Federal Emergency Management Agency (FEMA) maintains records on federal expenditures associated with declared major disasters. The United States Army Corps of Engineers (USACE) and the Natural Resources Conservation Service collect data on losses during the course of some of their ongoing projects and studies. The Hazard and Vulnerability Research Institute (HVRI) at the University of South Carolina has created a database called SHELDUS, which documents 18 different natural hazard events. This information was taken from many national databases. The 10.0 version of SHELDUS includes all loss causing events between 1960 and 1992 and from 1995 to present. Between 1992 and 1995 data reflects only events with more than \$50,000.00 in damage or at least one fatality.

As a result, the FCHMPC identified the following to be the preliminary hazards list:

1. Hurricanes and Tropical Storms
2. Tornadoes
3. Flooding
4. Hailstorm
5. Nuclear Power Plants
6. Earthquakes
7. Wildfires
8. Hazardous Materials (Transportation and fixed facility)
9. Terrorism
10. Dam Failure
11. Severe Winter Weather
12. Droughts
13. Extreme Heat
14. Thunderstorms and Lightning

Some of these hazards are interrelated (i.e., hurricanes can cause flooding and tornadoes), and some consist of hazardous elements that are not listed separately (i.e., severe thunderstorms

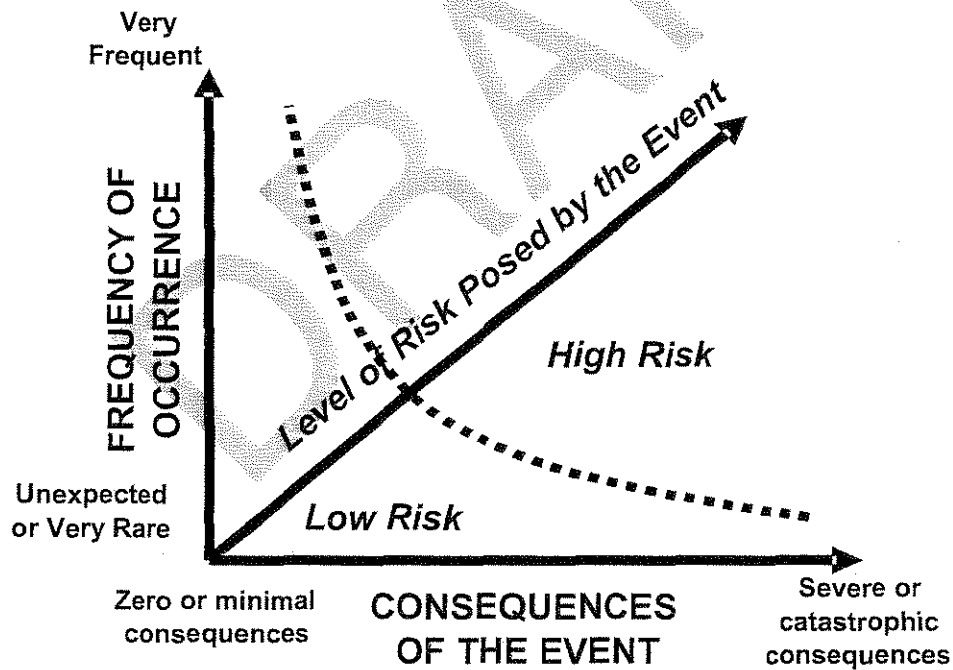
can cause lightning; hurricanes can cause coastal erosion). It should also be noted that some hazards, such as severe winter storms, may impact a large area yet cause little damage, while other hazards, such as a tornado, may impact a small area and cause extensive damage. This section provides a general description for each of the hazards listed above along with their hazardous elements.

Hazard Identification and Risk Estimation

The committee met to identify all of the natural, technological and societal or man-made hazards that could threaten the county. When the hazard types are identified as relevant to, or of concern for, the participants can make an estimate of the risk each poses to the jurisdiction.

The estimate of risk is based on the judgment of the planners regarding the likely frequency of occurrence of the hazard event compared to its probable consequences. For purposes of this analysis, "risk" is defined as a relative measure of the probability that a hazard event will occur in comparison to the consequences or impacts of that event. That is, if a hazard event occurs frequently, and has very high consequences, then that hazard is considered to pose a very high risk to the affected communities. In comparison, if a hazard event is not expected to occur frequently, and even if it did, the consequences would be minimal, then that hazard is considered to pose a very low risk.

This relationship between frequency of occurrence and consequences of an event can be illustrated by the following graph:



This graph illustrates that some hazards can be defined as "low risk," for they do not occur often enough and/or do not result in significant impacts even when they do. In comparison, other hazards may occur often enough and/or have sufficiently severe consequences when they do, that they must be considered "high risk." Each of the hazards considered to be a threat to the jurisdiction can be qualitatively assessed for its probability of occurrence and its likely

consequences, so that it can be indicated on the graph as falling either above or below a dotted line that can be considered to separate “high” and “low” risk hazards.

It must be emphasized that in many cases, detailed information may not have been available regarding the areas potentially impacted by a specific hazard as well as its potential health and safety, property, environmental and economic impacts of that hazard. Further, it has not been the intent of the committee to conduct extensive new studies to obtain information solely for the purposes of the development of this mitigation plan. Nor has funding been available for such research. Therefore, it has often been necessary to rely on the informed judgment of knowledgeable local officials and others to identify hazards and derive estimates of the risk each poses to the community. The committee believes that their experience with their own communities, as well as their capabilities to derive reasonable estimates of the geographic area at risk and the potential impacts of the hazard, is adequate for the purposes of this planning effort. Where the absence of hazard and risk-related data has been deemed by the jurisdiction to be a significant limitation on the effectiveness of this planning process, a mitigation initiative might be proposed to address the identified deficiency.

Identified Hazards

In this plan, a comprehensive list of potential hazards has been considered, with certain hazards eliminated from detailed analysis for a variety of reasons. The table below reviews the hazards and comments on the relevance of the hazard to the geographic and physiologic location of the region and its jurisdictions.

Physiographic Conditions Florence County and the jurisdictions included in this plan have many common physiographic characteristics. For example, all of Florence County are located within the Coastal Plains physiographic province, with a portion being least 30-35 miles from the coast. Elevations approximately 140 feet above sea level and flat terrain are typical. The impact of these natural features is two-fold:

1. Because of the general lack of slope in all portions of the county, several of the hazards reviewed are not relevant, such as landslides, avalanche, etc.
2. Because of the distance from the coast (at least 30 miles from all jurisdictions), all jurisdictions are immune from coastal storms and erosion, tsunamis, etc.

Specific natural and man-made hazards and their degree of relevance and consideration in this Plan are as follows:

HAZARD TYPE:	RELEVANCY TO JURISDICTIONS OR EXPLANATION OF WHY HAZARD WAS NOT CONSIDERED AT THIS TIME:
AVALANCHE	NOT APPLICABLE TO ANY JURISDICTIONS IN THIS COUNTY. No significant areas of slope and no cumulative snowfall is experienced during winter in any portion of the region, so this hazard has been excluded from analysis at this time.
COASTAL EROSION	NOT APPLICABLE TO ANY JURISDICTIONS IN THIS COUNTY. Not a coastal area. All portions of the region and all jurisdictions are over 35 miles inland. There are no beaches, so this hazard has been excluded from analysis at this time.
COASTAL STORM	NOT APPLICABLE TO ANY JURISDICTIONS IN THIS COUNTY. Not a coastal area. All portions of the region are at least 35 miles

	inland, so this hazard has been excluded from analysis at this time. HOWEVER, SEE HURRICANES .
DAM FAILURE	NOT APPLICABLE TO ANY JURISDICTIONS IN THIS COUNTY AT THIS TIME. This hazard was not considered due to the small scale of dam features in the region and a general lack of data. Until better data are available and capable assessments can be made, this hazard has been excluded from analysis.
DROUGHT	INCLUDED IN ANALYSIS FOR ALL JURISDICTIONS. All portions of the county have experienced some level of drought in the past, so all have been assessed.
EARTHQUAKE	INCLUDED IN ANALYSIS FOR ALL JURISDICTIONS. While recorded records of earthquakes in the county and its jurisdictions are few, there is potential.
EXPANSIVE SOILS	NOT APPLICABLE TO ANY JURISDICTIONS IN THIS COUNTY. Not typical of soil types in county, so this hazard has been excluded from analysis at this time.
EXTREME HEAT	NOT APPLICABLE TO ANY JURISDICTIONS IN THIS COUNTY. Considered as a factor in drought, so this hazard has been excluded from separate analysis at this time.
FLOODING	INCLUDED IN ANALYSIS FOR ALL JURISDICTIONS. All portions of the county have experienced some level of at least localized flooding in the past, so all have been assessed.
HAILSTORM	INCLUDED IN ANALYSIS FOR ALL JURISDICTIONS. All portions of the county have experienced some level of hailstorm activity in the past, so all have been assessed.
HURRICANE	INCLUDED IN ANALYSIS FOR ALL JURISDICTIONS. All portions of the county have experienced extensive hurricane activity in the past, so all have been assessed.
LAND SUBSIDENCE	NOT APPLICABLE TO ANY JURISDICTIONS IN THIS COUNTY. No historical events, so this hazard has been excluded from analysis at this time.
LANDSLIDE	NOT APPLICABLE TO ANY JURISDICTIONS IN THIS COUNTY. No significant slopes or historical events have been recorded, so this hazard has been excluded from analysis at this time.
SEVERE WINTER STORM	INCLUDED IN ANALYSIS FOR ALL JURISDICTIONS. All portions of the county have experienced some level of severe winter storms in the past, so all have been assessed.
THUNDERSTORM	INCLUDED IN ANALYSIS FOR ALL JURISDICTIONS. All portions of the county have experienced some level of severe thunderstorms in the past, so all have been assessed.
TORNADO	INCLUDED IN ANALYSIS FOR ALL JURISDICTIONS. All portions of the county have experienced some level of tornado activity in the past, so all have been assessed.
TSUNAMI	NOT APPLICABLE TO ANY JURISDICTIONS IN THIS COUNTY. Not a coastal area, with all portions of the region at least 35 miles inland, with 100+ foot elevations; thus, this hazard has been excluded from analysis at this time.
VOLCANO	NOT APPLICABLE TO ANY JURISDICTIONS IN THIS COUNTY. No historical data exists to indicate volcanic activity in recorded history, so this hazard has been excluded from analysis at this time.
WILDFIRE	INCLUDED IN ANALYSIS FOR ALL JURISDICTIONS. All portions

of the county have experienced some level of wildfire activity in the past, so all have been assessed.

LIGHTNING

INCLUDED IN ANALYSIS FOR ALL JURISDICTIONS. All portions of the county are subject to lightning hazard.

OTHER:

Nuclear Energy Emergency: The region is home to one nuclear power station, the H. B. Robinson Plant in Northwest Darlington County. This plant affects Florence County which is located within the 50 EPZ and the Ingestion Exposure Pathway.

Other Man-made Hazards: In a separate section, man-made chemical and other hazardous materials are addressed, including fixed hazardous materials locations and rail/highway transportation route hazards.

Terrorism: Because of the complex issues regarding potential threat elements, the sensitive nature of potential strategies and responses to such threats, as well as law enforcement jurisdiction over such threats, this plan will not address such issues.

Other: No other natural or man-made hazards were identified in historical data or by community input.

Hazard Assessment

With the preceding list of hazards in mind, each hazard will be generally addressed in the following manner:

- The type of hazard will be described
- The location and extent of past events will be quantified to the extent feasible
- The probability of impact will be estimated using GIS mapping of available data
- A vulnerability determination will be made and summarized at the end of this section for all of the listed hazards.

Much of this assessment has been accomplished using GIS analysis of data. Initially, the GIS methodology for mapping and analyzing events and determining the probability of occurrence was developed by the Hazards and Vulnerability Research Institute (HVRI) under contract with the SC Emergency Management Division. Implementation of the methodology was by the Florence County GIS Department. The data is presented, when feasible, with composite assessments made of overall jurisdiction vulnerability. The overall methodology for the USC Hazard Assessment mapping is available as a technical monograph. That methodology was followed by the GIS staff and the mapping results have been reviewed by jurisdictions.

In some instances data were available only on a countywide basis, so jurisdictional details are not feasible. However, these GIS hazard vulnerability maps and the listing of hazards have been reviewed by each jurisdiction and any local knowledge has been considered (frequency of winter ice storms in smaller jurisdictions, etc.).

For the rating of "probability" of occurrence, for each of the following hazards, the FCHMPC was asked to provide ratings of the likelihood that an event would occur in the future. The ratings that were used were:

- High Probability (highly likely to occur)
- Medium Probability (likely to occur)

- Low Probability (not very likely to occur)

These were subjective, order-of-magnitude ratings that participants could relate to whether they were highly skilled in a hazards area (e.g., members of a fire department) or not. This approach facilitated utilizing a consensus approach with the participating group. For the rating of "severity", the FCHMPC were asked to provide ratings of the likely severity of an event, assuming one occurred in the future. The ratings that were used were:

- High Severity (extensive loss of life and/or property)
- Medium Probability (moderate loss of life and/or property)
- Low Probability (relatively modest loss of life and/or property)

These were subjective, order-of-magnitude ratings that participants could relate to whether they were highly skilled in a hazards area (e.g., members of a fire department) or not. This approach facilitated utilizing a consensus approach with the participating group.

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Drought:

Droughts are periods of abnormally dry weather that persist long enough to create serious hydrologic imbalances (such as crop losses, water supply shortages, etc.). The degree of moisture deficiency, the duration of the deficiency and the size of the affected areas are all factors considered in the evaluation of drought conditions. Drought is a widespread event. All of Florence County and its jurisdictions are equally susceptible to drought. Drought data for the sixty-three years from 1950 to 2013 were extrapolated from storm data and then summarized. Drought designations (almost always being countywide) were considered as well. Since the last plan update in 2007, there have been five (5) drought events. Data is as follows:

Drought	Date	Time	Type	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
South Carolina County or Location								
Florence County	7/1/1977	N/A	Drought	N/A	0	0	\$1,086.96	\$108,695.65
Florence County	4/1/1978	N/A	Drought	N/A	0	0	\$10.87	\$1,086.96
Florence County	10/1/1978	N/A	Drought	N/A	0	0	\$108.70	\$1,086.96
Florence County	6/1/1984	N/A	Drought	N/A	0	0	\$0.00	\$1,086.96
Florence County	5/1/1986	N/A	Drought	N/A	0	0	\$0.00	\$10,869.57
Florence County	6/1/1986	N/A	Drought	N/A	0	0	\$1,086.96	\$10,869.57
Florence County	2/1/1988	N/A	Drought	N/A	0	0	\$10.87	\$1,086.96
Florence County	6/1/1988	N/A	Drought	N/A	0	0	\$1,086.96	\$10,869.57
Florence County	7/1/1988	N/A	Drought	N/A	0	0	\$108.70	\$1,086.96
Florence County	7/1/1993	N/A	Drought	N/A	0	0	\$10,869,565.22	\$0.00
Florence County	10/1/1993	N/A	Drought	N/A	0	0	\$0.00	\$0.00
Florence County	5/1/1994	N/A	Drought	N/A	0	0	\$0.00	\$1,086,956.52
Florence County	5/1/1995	N/A	Drought	N/A	0	0	\$0.00	\$434,782.61
Florence County	8/19/1999	N/A	Drought	N/A	0	0	\$0.00	\$0.00
Florence County	11/15/2001	N/A	Drought	N/A	0	0	\$0.00	\$0.00
Florence County	6/1/2002	N/A	Drought	N/A	0	0	\$0.00	\$0.00
Florence County	10/1/2007	N/A	Drought	N/A	0	0	\$0.00	\$0.00
Florence County	11/1/2007	N/A	Drought	N/A	0	0	\$0.00	\$0.00
Florence County	12/1/2007	N/A	Drought	N/A	0	0	\$0.00	\$0.00
Florence County	1/1/2008	N/A	Drought	N/A	0	0	\$0.00	\$0.00
Florence County	2/1/2008	N/A	Drought	N/A	0	0	\$0.00	\$0.00
TOTALS:					0	0	\$10,873,065.24	\$1,668,478.29
Recurrence Interval of drought likely every 3.0 years.								
Probability chance of 33.3% in any given year in the future.								
21 DROUGHT event(s) were reported in								
Florence County, SC 01/01/1950 & 3/30/2013								

Overall, vulnerability of drought is relatively high, especially in the most recent five years. With a drought likely to occur in one out of every three years and with the duration likely to be over a year, the vulnerability of this jurisdiction to such events is relatively high. In 1993 Florence County experienced an extreme or D3 drought, one of the worst droughts in recent history. This caused major crop/pasture losses; widespread water shortages or restrictions. To follow is a state graphic on current drought status.

[Return to U.S. Drought Monitor](#)

[Return to Region](#)

The data cutoff for Drought Monitor maps is Tuesday at 7 a.m. Eastern Time. The maps, which are based on analysis of the data, are released each Thursday at 8:30 a.m. Eastern Time.

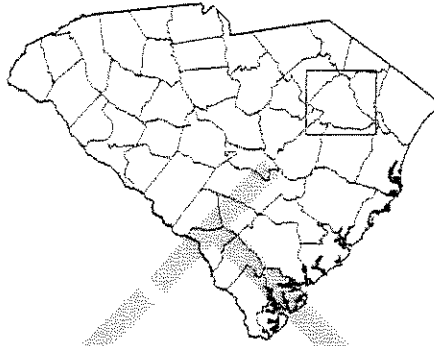
U.S. Drought Monitor

South Carolina

July 23, 2013
Valid 7 a.m. EST

Drought Conditions (Percent Area)

	None	D0-D4	D1-D4	D2-D4	D3-D4	D4
Current	100.00	0.00	0.00	0.00	0.00	0.00
Last Week (07/16/2013 exact)	100.00	0.00	0.00	0.00	0.00	0.00
3 Months Ago (04/23/2013 exact)	66.40	33.60	10.00	0.00	0.00	0.00
Start of Calendar Year (2013/01/01 exact)	0.14	99.86	73.44	33.54	2.29	0.00
Start of Water Year (2012/10/01 exact)	58.89	61.11	11.55	0.00	0.00	0.00
One Year Ago (07/17/2012 exact)	12.57	87.43	71.77	22.34	3.50	0.00



Intensity:

- D0 Abnormally Dry
- D1 Drought - Moderate
- D2 Drought - Severe
- D3 Drought - Extreme
- D4 Drought - Exceptional

The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.

<http://droughtmonitor.unl.edu>



Released Thursday, July 25, 2013
Richard Heim, National Climatic Data Center, NOAA

The U.S. Drought Monitor is produced in partnership between the National Drought Mitigation Center at the University of Nebraska-Lincoln, the United States Department of Agriculture, and the National Oceanic and Atmospheric Administration. Map courtesy of NDMC-UNL.

Earthquake:

The release of seismic energy resulting from a sudden slip on a fault or other sudden stress changes in the earth are commonly termed earthquakes due to the resulting ground shaking that occurs. Magnitude and intensity are both important, as is the location of the "epicenter" of the event. The following summary indicates conditions of and from various magnitude and intensity earthquakes, based on data from the USGS:

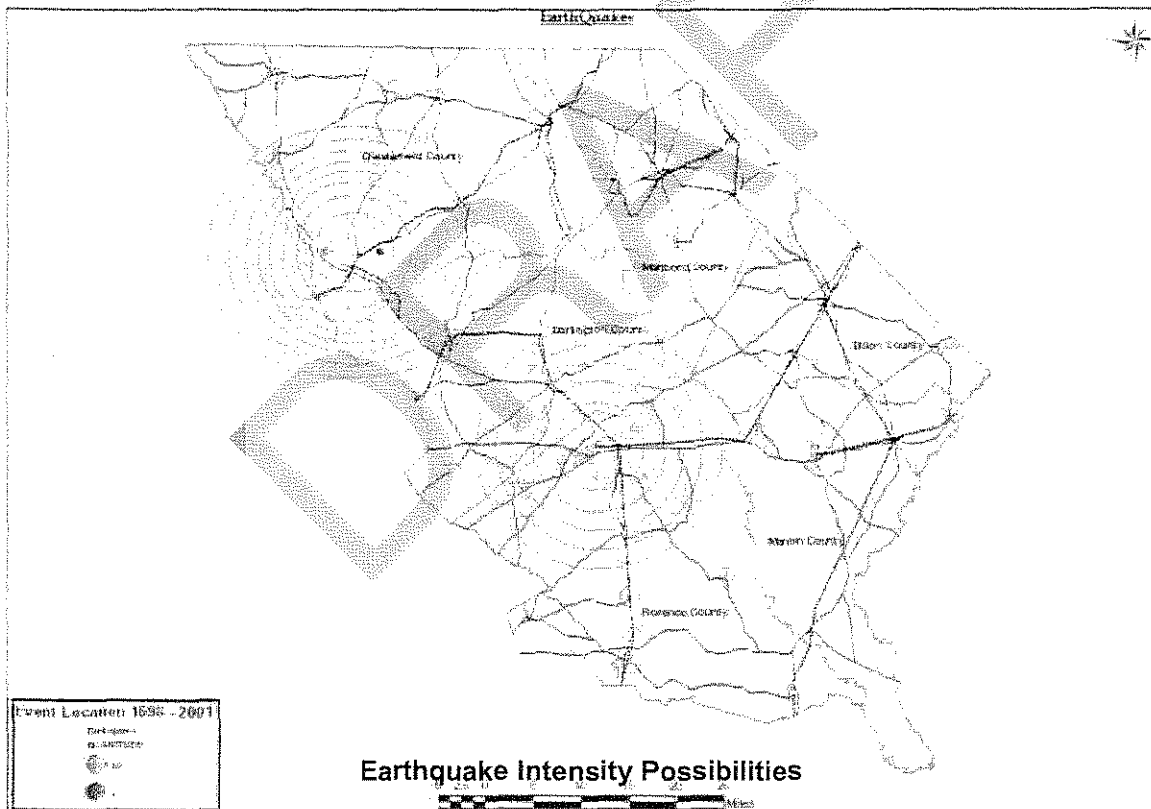
Mercalli Intensity	Equivalent Richter Magnitude	Witness Observations
I	1.0 to 2.0	Felt by very few people; barely noticeable.
II	2.0 to 3.0	Felt by a few people, especially on upper floors.
III	3.0 to 4.0	Noticeable indoors, especially on upper floors, but may not be recognized as an earthquake.
IV	4.0	Felt by many indoors, few outdoors. May feel like heavy truck passing by.
V	4.0 to 5.0	Felt by almost everyone; some people awakened. Small objects moved, trees and poles may shake.
VI	5.0 to 6.0	Felt by everyone. Difficult to stand. Some heavy furniture moved, some plaster falls. Chimneys may be slightly damaged.
VII	6.0	Slight to moderate damage in well built, ordinary structures. Considerable damage to poorly built structures. Some walls may fall.
VIII	6.0 to 7.0	Little damage in specially built structures. Considerable damage to ordinary buildings; severe damage to poorly built structures. Some walls collapse.
IX	7.0	Considerable damage to specially built structures, buildings shifted off foundations. Ground cracked noticeably. Wholesale destruction. Landslides.
X	7.0 to 8.0	Most masonry and frame structures and their foundations destroyed. Ground badly cracked. Landslides. Wholesale destruction.
XI	8.0	Total damage. Few, if any, structures standing. Bridges destroyed. Wide cracks in ground. Waves seen on ground.
XII	8.0 or greater	Total damage. Waves seen on ground. Objects thrown up into air.

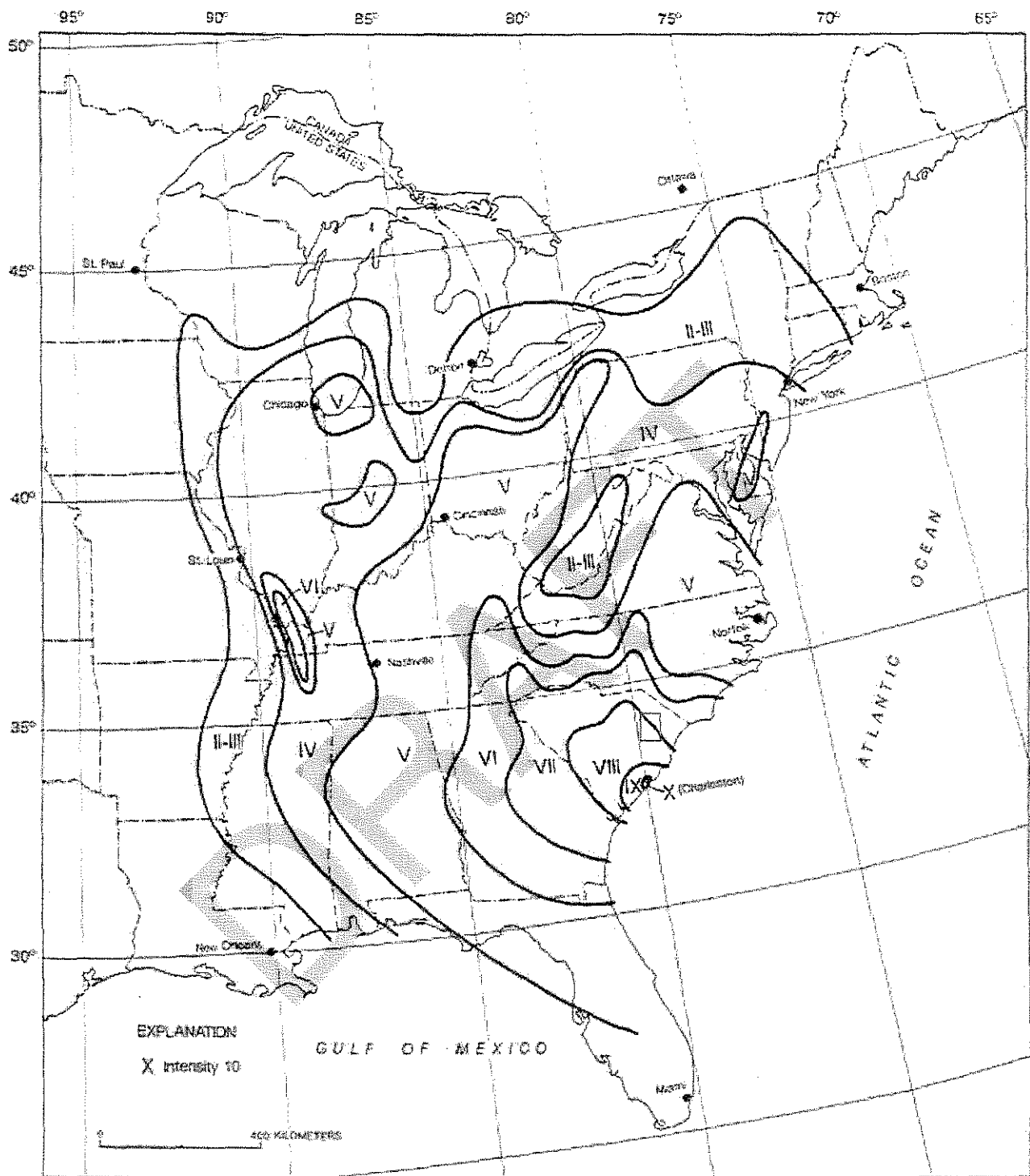
Seventy percent of earthquakes in South Carolina originate in the Middleton place-Summerville Seismic Zone, some 70-80 miles south of the county's jurisdictions. Due to the relative distance to an active seismic zone, activity has been historically low, with only one event noted between 1698 and 2001. All of Florence County could potentially experience a magnitude I to VIII. Overall, vulnerability to earthquakes is very low for all jurisdictions. Since the last plan update in 2007, there have been 0 earthquake events.

Earthquake	Date	Magnitude	Deaths	Injuries
South Carolina Florence County				
Florence	1930	3.3	0	0
Recurrence interval of earthquake every 63 years.				
Probability of 1.56% in any given year in the future.				
1 EARTHQUAKE event(s) was reported in Florence County, SC 01/01/1950 & 4/30/2013				

Sheldus Data

To follow is a regional graphic on earthquake vulnerability.





Flooding:

Floods are one of the most deadly natural disasters in the United States. The National Flood Insurance Program defines flooding as “a general and temporary condition of partial or complete inundation of two or more acres of normally dry land area or of two or more properties...” The causes include:

- Overflow of inland or tidal waters
- Unusual and rapid accumulation or runoff of surface waters from any source, or
- A mudflow

In the jurisdictions covered by this plan, the typical causes are overflow of inland waters (rivers and streams) and runoff of surface waters. Tidal flow and mudflow are not recognized hazards in any jurisdiction covered by this plan, nor is hurricane storm surge.

Due to the frequency of storms and the low and flat topography of much of the county, flooding is a common occurrence in much of the region, including urban areas where dramatic increases in impervious surfaces and the narrowing (by infill) and channelization of natural tributaries worsens the frequency of events. Indeed, such fill areas and channelization make the determination of flood-prone areas more complex.

The 100-year flood elevation is a uniform standard for gauging flood-prone areas and for the need for flood insurance. It presumes the area so designated has a one percent chance of being inundated in any given year, but floods could strike any given property/area on a more frequent basis. Flood-prone areas have been mapped by FEMA using a complex series of county maps. Since none of the maps for Florence County have been digitized, the attached maps prepared by the GIS are general representations of flood-prone areas, illustrating the general extent of floodplains in the county. In Fall 2013, Florence County should have their DFIRMS completed and approved by FEMA. The next plan update will reflect the new data. Since the last plan update in 2007, there have been 0 flood events.

Florence County: This is a large county with generally flat terrain. The western and eastern boundaries of the County are extensive floodplains associated with the Lynches and Great Pee Dee Rivers, respectively. Other floodplains are narrow, except for significant portions of Lynches River and some portions of Jeffries Creek. Minor Flooding is defined to have minimal or no property damage, but possibly some public threat. Moderate Flooding is defined to have some inundation of structures and roads near the stream. Some evacuations of people and/or transfer of property to higher elevations may be necessary. Communities affected by flood-prone areas in Florence County include:

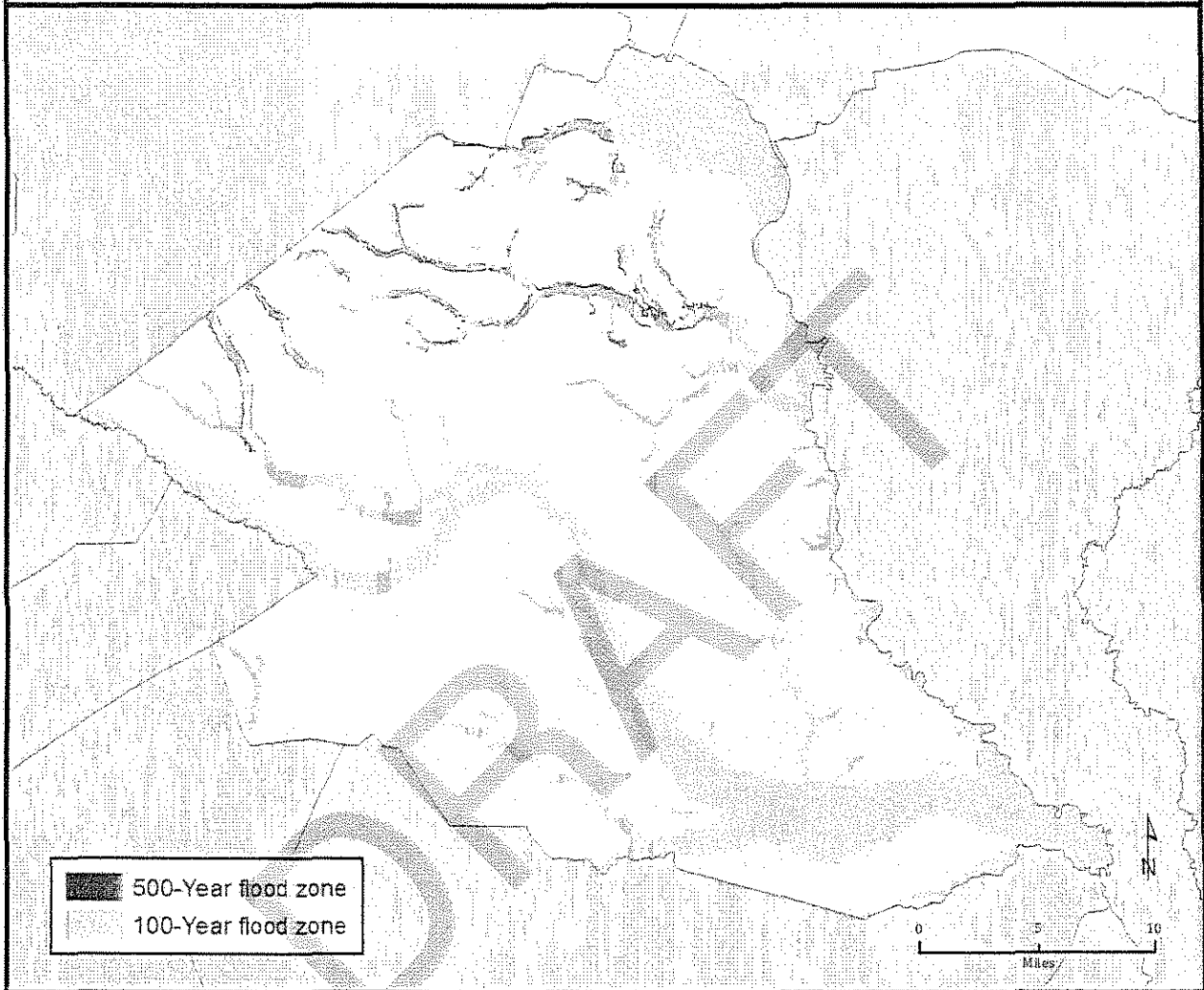
FEMA defines a repetitive loss property as any insurable building for which two or more claims of more than \$1,000 were paid by the NFIP within any rolling 10-year period, since 1978. A repetitive loss property may or may not be currently insured by the NFIP. Currently (as of August 2013), according to data from the National Flood Insurance Program, there are 6 non-mitigated repetitive loss properties located in Florence County, all of which are residential, three (3) insured and three (3) uninsured. The City of Florence, Johnsonville, Lake City, Pamplico, Quinby, Scranton and Timmons ville are considered participating and in compliance as well as

all have zero (0) losses, while Coward and Olanta are considered non-participating. Due to the rural nature of these two communities and lack of citizen demand to be involved in the NFIP, the communities have decided not to participate.

Jurisdiction/Community	Extent of Flood Prone Areas
Florence County (Unincorporated Area)	Moderate – Several major rivers.
Coward Town	NO DESIGNATED FLOOD-PRONE AREAS
Florence City	Moderate – Southern and Western portions of the City
Johnsonville City	NO DESIGNATED FLOOD-PRONE AREAS
Lake City City	Moderate – Northern edge of City
Olanta Town	Moderate – Western edge of Town
Pamplico Town	NO DESIGNATED FLOOD-PRONE AREAS
Quinby Town	Moderate – Northern edge of Town
Scranton Town	NO DESIGNATED FLOOD-PRONE AREAS
Timmons ville Town	Low – Limited to western and eastern edges

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100- and 500- Year Flood Zones



To supplement the flood-prone areas just described, a statistical reflection of flood risk has been made using historical flood data, summarized in the table below:

Flooding South Carolina County or Location	Date	Deaths	Injuries	Property Damage	Crop Damage
Florence	3/1/1964	0	0	\$108.70	\$108.70
Florence	3/1/1966	0	0	\$1,086.96	\$1,086.96
Florence	12/14/1972	0	0	\$227.27	\$227.27
Florence	2/3/1973	0	0	\$1,086.96	\$1.09
Florence	3/15/1973	0	0	\$312.50	\$3.13
Florence	6/16/1973	0	0	\$172.41	\$17.24
Florence	3/12/1975	0	0	\$1,086.96	\$108.70
Florence	6/10/1975	0	0	\$1,666.67	\$166.67
Florence	7/13/1975	0	0	\$138.89	\$13,888.89
Florence	10/9/1976	0	0	\$10,869.57	\$10,869.57
Florence	1/25/1978	0	0	\$10,869.57	\$1.09
Florence	1/26/1978	0	0	\$1,086.96	\$0.00
Florence	3/15/1980	0	0	\$1,086.96	\$1,086.96
Florence	8/8/1980	0	0	\$1,086.96	\$108.70
Florence	1/1/1982	0	0	\$227.27	\$22.73
Florence	4/27/1982	0	0	\$263.16	\$0.00
Florence	2/15/1983	0	0	\$4,545.45	\$45.45
Florence	3/1/1983	0	0	\$38,461.54	\$38,461.54
Florence	4/8/1983	0	0	\$500.00	\$0.00
Florence	2/27/1984	0	0	\$1,086.96	\$10.87
Florence	7/26/1984	1	0	\$1,086.96	\$10.87
Florence	8/2/1984	0	0	\$1,724.14	\$0.00
Florence	3/1/1987	0	0	\$50,000.00	\$5,000.00
Florence	10/11/1990	0	0	\$13,513.51	\$0.00
Florence	1/1/1993	0	0	\$10,869.57	\$108,695.65
Lake City	4/15/1994	0	0	\$0.00	\$0.00
Florence	10/13/1994	0	0	\$2,000,000,000.00	\$8,000.00
Countywide	12/22/1994	0	0	\$4,000,000,000.00	\$200,000.00
FLORENCE	2/18/1995	0	0	\$5,000.00	\$0.00
Florence	8/18/1996	0	0	\$200,000.00	\$0.00
Pamplico	5/30/1998	0	0	\$0.00	\$0.00
Cartersville	9/22/2000	0	0	\$0.00	\$0.00
Pamplico	9/22/2000	0	0	\$0.00	\$0.00
Florence	7/2/2001	0	0	\$0.00	\$0.00
Florence	7/3/2001	0	0	\$0.00	\$0.00
Lake City	8/29/2004	0	0	\$200,000.00	\$0.00
Florence	9/10/2004	0	0	\$250,000.00	\$0.00
TOTALS:		1	0	\$6,000,808,165.90	\$387,922.08
Potential flood range of 0 feet to 16.8 feet.					
Recurrence interval of flood likely every 1.6 years.					
Probability of 60% in any given year in the future.					
38 FLOOD event(s) were reported in					
Florence County, SC 01/01/1950 & 04/30/2013.					

Hailstorms:

Hail is frozen droplets of water that are carried between colder and warmer elevations within a thunderstorm, with another layer of ice being added with each re-freeze until the frozen ball is so large it falls to earth. It is a costly result of severe thunderstorm activity in the nation. Hail can occur anywhere the conditions are favorable. All of Florence County and its municipalities are equally susceptible to hail.

TORRO Hailstorm Intensity Scale			
	Intensity Category	Typical Hail Diameter (mm)	Typical Damage Impacts
H0	Hard Hail	5	No damage
H1	Potentially Damaging	5-15	Slight general damage to plants, crops
H2	Significant	10-20	Significant damage to fruit, crops, vegetation
H3	Severe	20-30	Severe damage to fruit and crops, damage to glass and plastic structures, paint and wood scored
H4	Severe	25-40	Widespread glass damage, vehicle bodywork damage
H5	Destructive	30-50	Wholesale destruction of glass, damage to tiled roofs, significant risk of injuries
H6	Destructive	40-60	Bodywork of grounded aircraft dented, brick walls pitted
H7	Destructive	50-75	Severe roof damage, risk of serious injuries
H8	Destructive	60-90	(Severest recorded in the British Isles) Severe damage to aircraft bodywork
H9	Super Hailstorms	75-100	Extensive structural damage. Risk of severe or even fatal injuries to persons caught in the open
H10	Super Hailstorms	>100	Extensive structural damage. Risk of severe or even fatal injuries to persons caught in the open

From 1950 to 2012, there were 148 recorded events. Due to the large number of events, the table below only reflects the events within the past five years.

Hail						
South Carolina						
County or Location	Date	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Lake City	3/15/2008	1.00 in.	0	0	\$0.00	\$0.00
Cussac Crossroads	6/17/2008	0.75 in.	0	0	\$0.00	\$0.00
Kingsburg	8/7/2008	1.00 in.	0	0	\$0.00	\$0.00
Coward	5/10/2009	0.88 in.	0	0	\$0.00	\$0.00
Olanta	6/1/2009	1.75 in.	0	0	\$0.00	\$0.00
Florence	4/9/2011	1.75 in.	0	0	\$2,000.00	\$0.00
Camp Branch	4/16/2011	1.75 in.	0	0	\$5,000.00	\$0.00
Howe Springs	4/28/2011	.88 in.	0	0	\$0.00	\$0.00
Florence	5/10/2011	1.00 in.	0	0	\$1,000.00	\$0.00
Florence	5/10/2011	2.75 in.	0	0	\$10,000.00	\$0.00
Florence	5/10/2011	1.75 in.	0	0	\$3,000.00	\$0.00
Florence	5/10/2011	1.75 in.	0	0	\$3,000.00	\$0.00
Florence	5/10/2011	4.50 in.	0	0	\$30,000.00	\$0.00
Florence	5/10/2011	1.00 in.	0	0	\$1,000.00	\$0.00
Florence	5/10/2011	1.75 in.	0	0	\$3,000.00	\$0.00
Florence	5/27/2011	0.75 in.	0	0	\$0.00	\$0.00
Florence	6/19/2011	1.00 in.	0	0	\$1,000.00	\$0.00
Florence	7/6/2011	1.00 in.	0	0	\$500.00	\$0.00
Florence	7/6/2011	0.88 in.	0	0	\$0.00	\$0.00
Florence	7/13/2011	0.88 in.	0	0	\$0.00	\$0.00
Florence	9/12/2011	0.88 in.	0	0	\$2,500.00	\$0.00
Savannah Grove	3/24/2012	0.75 in.	0	0	\$0.00	\$0.00
Davistown	4/5/2012	1.00 in.	0	0	\$500.00	\$0.00
Ebenezer	4/27/2012	1.00 in.	0	0	\$250.00	\$0.00
Savannah Grove	4/27/2012	1.00 in.	0	0	\$250.00	\$0.00
Coward	4/27/2012	1.00 in.	0	0	\$1,000.00	\$0.00
Kingsburg	4/27/2012	0.88 in.	0	0	\$0.00	\$0.00
Windy Hill	5/15/2012	1.00 in.	0	0	\$1,000.00	\$0.00
Coles Crossroads	7/1/2012	1.00 in.	0	0	\$1,000.00	\$0.00
Ebenezer	7/1/2012	1.50 in.	0	0	\$1,500.00	\$0.00
Howe Springs	7/1/2012	1.25 in.	0	0	\$1,000.00	\$0.00
Ebenezer	7/9/2012	0.88 in.	0	0	\$250.00	\$0.00
Olanta	7/29/2012	0.88 in.	0	0	\$2,500.00	\$0.00
Peniel Crossroads	8/2/2012	1.75 in.	0	0	\$5,000.00	\$0.00
Cussac Crossroads	8/2/2012	1.00 in.	0	0	\$4,000.00	\$0.00
Scranton	8/2/2012	1.00 in.	0	0	\$3,000.00	\$0.00
Baxen Crossroads	11/4/2012	1.00 in.	0	0	\$1,000.00	\$0.00
TOTALS:			0	2	\$84,250.00	\$0.00
Potential hail range of 0" to 4.5" are possible.						
Recurrence interval of hail likely four times per year.						
Probability is 260% in any given year in the future.						
164 HAIL event(s) were reported in						
Florence County, SC 01/01/1950 & 12/31/2012.						

4-17

HAZARD IDENTIFICATION AND RISK ASSESSMENT

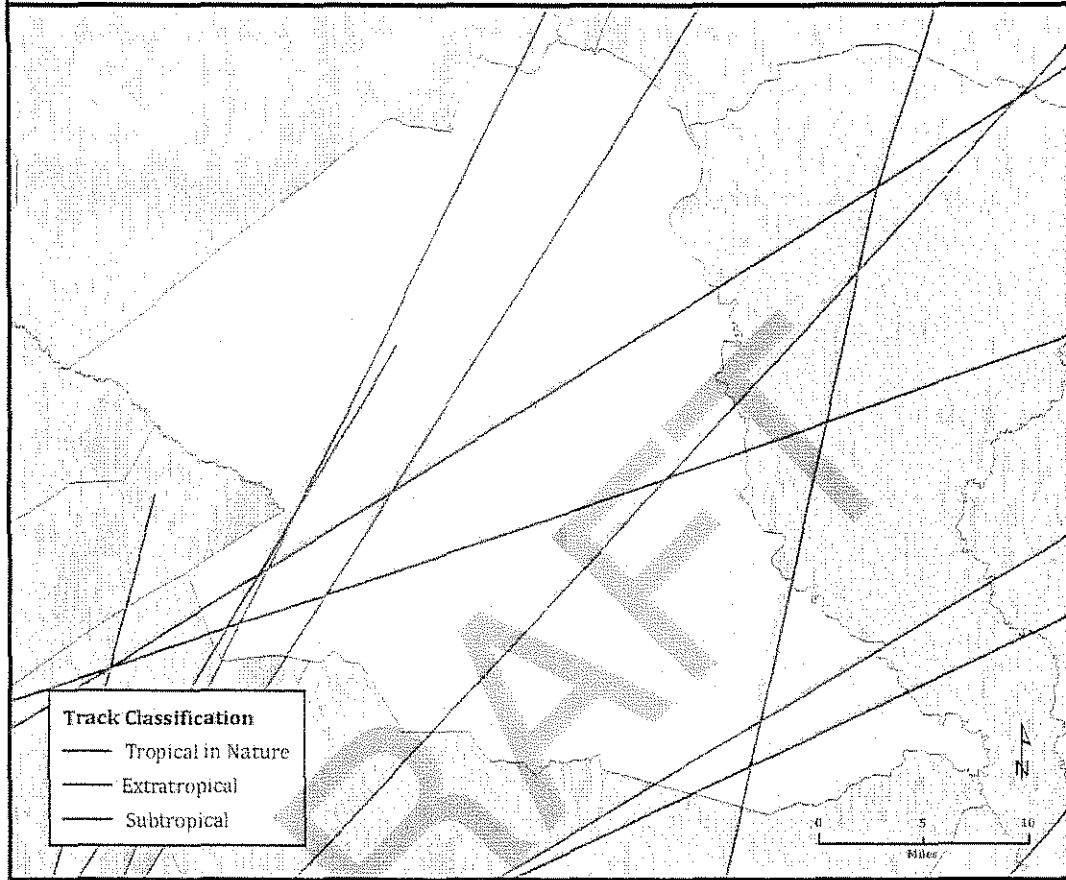
Hurricanes:

According to NOAA, prior to hurricanes being named in 1952, there were approximately 86 unnamed tropical storm or hurricane events of at least 25 mph winds recorded in the region between 1851 and 1951. For these unnamed storms, highest recorded winds were 100 mph, and for only four storms. In contrast, from 1952 through 2004, 50 named storms have struck all or a part of the region. However from 2005 until present we have not had a direct landfall from a hurricane within this area. Hurricanes are large events and can affect all of Florence County. The most severe storms being the following:

Hurricane South Carolina County or Location	Date	Time	Type	Magnitude	Deaths	Injuries	Property Damage	Crop Damage	Name
South Carolina	10/17/1954	N/A	Hurricane/TS		0	0	\$25,000,000.00	\$0.00	Hurricane Hazel
South Carolina	8/20/1955	N/A	Hurricane/TS		0	0	\$0.00	\$0.00	Hurricane Diane
Florence	8/29/1964	N/A	Hurricane/TS		0	0	\$1,000.00	\$1,000.00	TS
Florence	9/12/1964	N/A	Hurricane/TS		0	0	\$0.00	\$0.00	TS Dora
Florence	6/7/1968	N/A	Hurricane/TS		0	0	\$0.00	\$0.00	Tropical Storm
Florence	8/15/1971	N/A	Hurricane/TS		0	0	\$71,000.00	\$0.00	TD
Florence	6/20/1972	N/A	Hurricane/TS		0	0	\$0.00	\$1,000.00	TD Agnes
Florence	9/4/1987	N/A	Hurricane/TS		0	0	\$0.00	\$4,500.00	TD
Florence	8/28/1988	N/A	Hurricane/TS		0	0	\$1,500.00	\$1,500.00	TS
Florence	9/22/1989	N/A	Hurricane/TS		0	0	\$50,000,000.00	\$500,000.00	Hurricane Hugo
Florence	8/24/1995	N/A	Hurricane/TS		0	0	\$217,900.00	\$2,200.00	TS
Florence	9/15/1999	N/A	Hurricane/TS		0	0	\$150,000.00	\$0.00	Hurricane Floyd
Florence	8/29/2004	N/A	Hurricane/TS		0	0	\$320,000.00	\$0.00	Hurricane Gaston
Florence	10/7/2004	N/A	Hurricane/TS		0	0	\$150,000.00	\$0.00	TS Frances
Recurrence interval of hurricanes likely every 4.5 years.									
Probability of 22% in any given year in the future.									
14 Hurricane/Tropical Storm events were reported in Florence County.									
Florence County, SC 01/01/1950 & 06/01/2013.									
TOTALS:							\$75,911,400.00	\$510,200.00	

Of course, not all storms affected Florence County but, using the multiple tracks for each hurricane, these events have been compiled into the attached graphic. This is a composite of all events, including tropical storms and tropical depressions as well as hurricanes of all categories. Hurricanes are large events and can affect all of Florence County. Also attached is the graphic "Historical Chance Per Year", showing probabilities for this region of the state. The worst event was Hurricane Hugo on September 22, 1989. It came ashore as a category 4 hurricane with winds of 135mph. As it passed over Florence County it was a weak category 4. A category 4 storm is the highest probable intensity expected to impact Florence County. Since the last plan update in 2007, there have been no hurricane/tropical storm events.

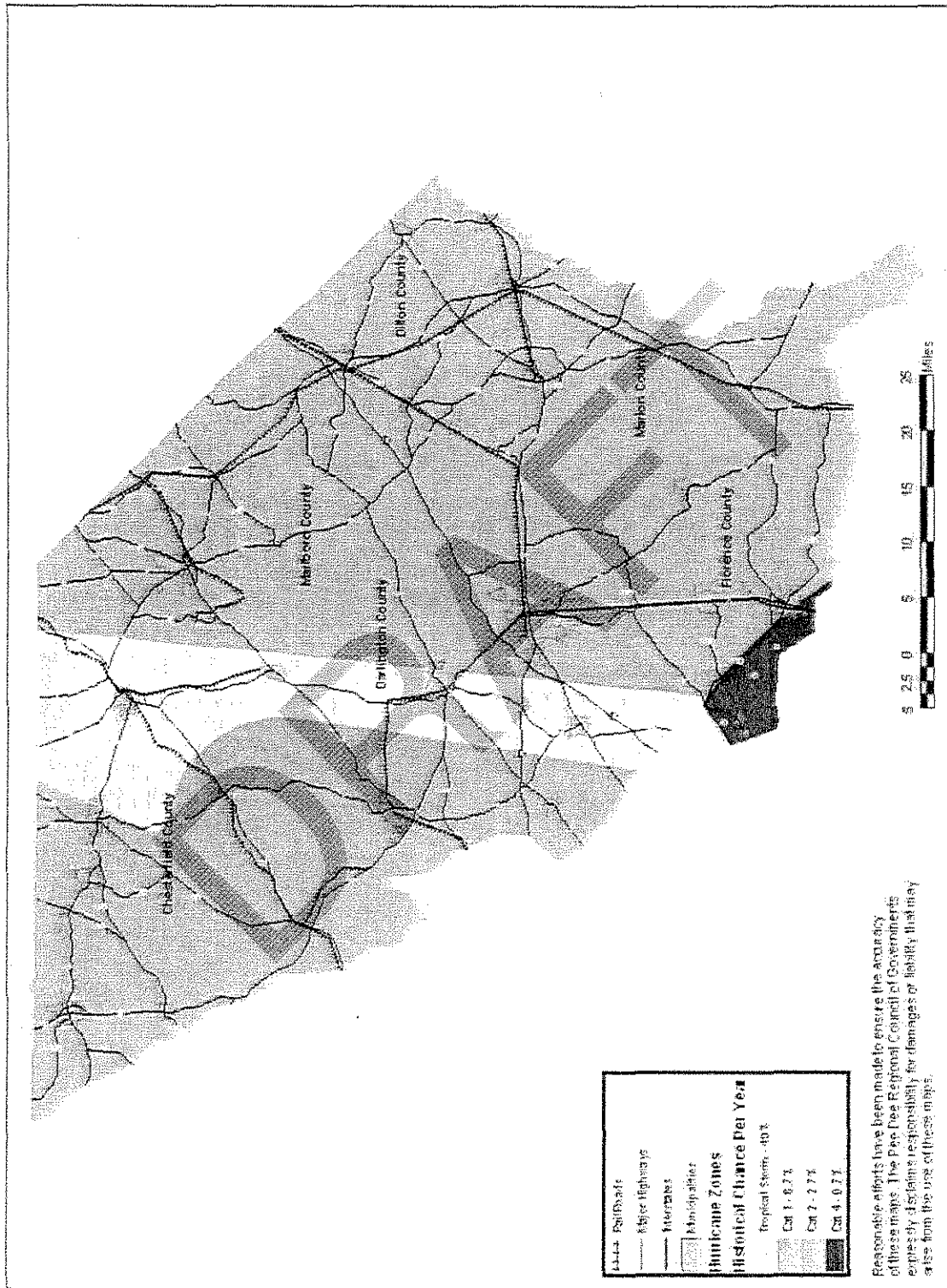
Historical Hurricane Tracks 1960-2008



Jurisdiction/Community	Likelihood of hurricane activity
Florence County (Unincorporated Area)	Moderate
Coward Town	Moderate
Florence City	Moderate
Johnsonville City	Moderate
Lake City City	Moderate
Olanta Town	Moderate
Pamplico Town	Moderate
Quinby Town	Moderate
Scranton Town	Moderate
Timmonsville Town	Low-moderate

SAFFIR-SIMPSON SCALE

Category	Sustained Winds	Types of Damage Due to Hurricane Winds
1	74-95 mph 64-82 kt 119-153 km/h	Very dangerous winds will produce some damage: Well-constructed frame homes could have damage to roof, shingles, vinyl siding and gutters. Large branches of trees will snap and shallowly rooted trees may be toppled. Extensive damage to power lines and poles likely will result in power outages that could last a few to several days.
2	96-110 mph 83-95 kt 154-177 km/h	Extremely dangerous winds will cause extensive damage: Well-constructed frame homes could sustain major roof and siding damage. Many shallowly rooted trees will be snapped or uprooted and block numerous roads. Near-total power loss is expected with outages that could last from several days to weeks.
3 (major)	111-129 mph 96-112 kt 178-208 km/h	Devastating damage will occur: Well-built framed homes may incur major damage or removal of roof decking and gable ends. Many trees will be snapped or uprooted, blocking numerous roads. Electricity and water will be unavailable for several days to weeks after the storm passes.
4 (major)	130-156 mph 113-136 kt 209-251 km/h	Catastrophic damage will occur: Well-built framed homes can sustain severe damage with loss of most of the roof structure and/or some exterior walls. Most trees will be snapped or uprooted and power poles downed. Fallen trees and power poles will isolate residential areas. Power outages will last weeks to possibly months. Most of the area will be uninhabitable for weeks or months.
5 (major)	157 mph or higher 137 kt or higher 252 km/h or higher	Catastrophic damage will occur: A high percentage of framed homes will be destroyed, with total roof failure and wall collapse. Fallen trees and power poles will isolate residential areas. Power outages will last for weeks to possibly months. Most of the area will be uninhabitable for weeks or months.



Tornadoes:

These violently rotating columns of air extend from thunderstorms to the ground and are among the more violent and deadly natural phenomena. Tornadoes can occur anywhere the conditions are favorable. All of Florence County and its municipalities are equally susceptible to tornadoes. Since the last plan update in 2007, there have been three tornado events. Historically Florence County has experienced an EF2 tornado giving Florence County a range of potential from EF0 to EF2. Since the last plan update in 2007 there have been 3 tornadoes. Data was collected from 1950 through 2013, with the table below summarizing events.

Tornado	Date	Mag	Dth	Inj	PRD	CRD
South Carolina County or Location						
Florence	1/8/1953	F2	0	2	\$250,000.00	\$0.00
Florence	4/8/1962	F0	0	0	\$3,000.00	\$0.00
Florence	7/28/1963	F0	0	0	\$3,000.00	\$0.00
Florence	9/29/1963	F1	0	0	\$25,000.00	\$0.00
Florence	8/9/1964	F1	0	0	\$50,000.00	\$0.00
Florence	8/29/1964	F1	0	0	\$3,000.00	\$0.00
Florence	12/5/1964	F1	0	0	\$3,000.00	\$0.00
Florence	3/17/1965		0	0	\$100,000.00	\$0.00
Florence	3/26/1965	F1	0	0	\$3,000.00	\$0.00
Florence	4/13/1966	F2	0	0	\$3,000.00	\$0.00
Florence	3/12/1967	F2	0	0	\$25,000.00	\$0.00
Florence	3/12/1967	F2	0	0	\$25,000.00	\$0.00
Florence	11/4/1968	F1	0	0	\$25,000.00	\$0.00
Florence	6/10/1972		0	0	\$0.00	\$0.00
Florence	8/3/1973	F1	0	0	\$25,000.00	\$0.00
Florence	6/8/1980	F1	2	2	\$250,000.00	\$0.00
Lake City	5/27/1981	F2	0	6	\$25,000.00	\$0.00
Florence	6/5/1983	F1	0	0	\$3,000.00	\$0.00
Florence	7/23/1983	F1	0	0	\$25,000.00	\$0.00
Lake City	9/24/1994	F1	0	11	\$500,000.00	\$0.00
Florence	11/7/1995	F2	0	4	\$200,000.00	\$0.00
Sardis	9/16/1996	F0	0	0	\$0.00	\$0.00
Lake City	9/16/1996	F0	0	0	\$0.00	\$0.00
Lake City	6/10/1998	F0	0	0	\$10,000.00	\$0.00
Scranton	6/19/1998	F0	0	0	\$80,000.00	\$0.00
Effingham	4/1/1999	F0	0	0	\$6,000.00	\$0.00
New Hope	5/6/1999	F1	0	0	\$60,000.00	\$0.00
Florence	9/7/2004	F0	0	0	\$20,000.00	\$0.00
Lake City	9/27/2004	F1	0	0	\$20,000.00	\$0.00
Florence	5/14/2006	F1	0	0	\$250,000.00	\$0.00
Florence	5/14/2006	F2	0	0	\$1,300,000.00	\$0.00
Coward	7/11/2007	F1	0	0	\$10,000.00	\$0.00
Cartersville	3/15/2008	F1	0	3	\$605,000.00	\$0.00
Florence	7/2/2013	EF2	0	9	\$80,000.00	\$0.00
TOTALS:			2	37	\$3,987,000.00	\$0.00
Recurrence interval of every 1.84 years.						
Probability of 54% in any given year in the future.						
34 Tornado events were reported in Florence County, SC 01/01/1950 & 07/20/2013						

Enhanced Fujita Scale		
Category	Wind Speed	Potential Damage
EF0	105–137 km/h 65–85 mph	Light damage. Peels surface off roofs; some damage to chimneys; branches broken off trees; shallow-rooted trees pushed over; mobile homes pushed off foundations or overturned; sign boards damaged.
EF1	138–179 km/h 86–110 mph	Moderate damage. Roofs torn off frame houses; windows and glass doors broken; moving autos blown off roads; mobile homes demolished; boxcars overturned.
EF2	180–217 km/h 111–135 mph	Considerable damage. Roofs torn off well-constructed houses; foundations of frame homes shifted; large trees snapped or uprooted; light-object missiles generated; cars lifted off ground.
EF3	218–266 km/h 136–165 mph	Severe damage. Some walls torn off well-constructed houses; trains overturned; most trees in forest uprooted; heavy cars lifted off the ground and thrown; structures with weak foundations blown away some distance.
EF4	267–324 km/h 166–200 mph	Devastating damage. Well-constructed houses and whole frame houses completely leveled; structures with weak foundations blown away some distance; trees debarked; cars thrown and small missiles generated.
EF5	>324 km/h >200 mph	Incredible damage. Strong frame houses leveled off foundations and swept away; with strongest winds, brick houses completely wiped off foundations; automobile-sized missiles fly through the air in excess of 100 m (109 yd); cars thrown and large missiles generated; incredible phenomena will occur.

Jurisdiction/Community	Probability of tornado activity
Florence County (Unincorporated Area)	Moderate-high
Coward Town	High
Florence City	Moderate-high
Johnsonville City	Low
Lake City City	Moderate-high
Olanta Town	Low-moderate
Pamplico Town	Low
Quinby Town	Low-moderate
Scranton Town	High
Timmonsville Town	Low-moderate

Wildfires:

With over 5,000 wildfires each year in South Carolina, this is a common hazard. Wildfires can result from natural causes, but most result from man-made action, most commonly arson (40-45%) and debris-burning (30-35%). Other causes are less than 5 percent of occurrences. Florence County can expect between 57 and 537 fires a year, burning up to 4,864 acres. A wildfire is any outdoor fire (i.e. grassland, forest, brush land) that is not under control, supervised, or prescribed and can occur in the majority of Florence County.

Jurisdiction/Community	Probability of wildfire activity
Florence County (Unincorporated Area)	Moderate-high
Coward Town	High
Florence City	Moderate
Johnsonville City	Low
Lake City City	Moderate-high
Oianta Town	Low-moderate
Pamplico Town	Low
Quinby Town	Low-moderate
Scranton Town	High
Timmons ville Town	Low-moderate

The following table provides an indication of the mean number of wildfires per year, the mean acres destroyed and overall probability:

Wildfire South Carolina County or Location	Year	Number of Fires	Total Acres Burned
Florence	1996	120	687
Florence	1997	85	460
Florence	1998	57	184
Florence	1999	375	2423
Florence	2000	248	895
Florence	2001	277	1186
Florence	2002	437	4864
Florence	2003	58	121
Florence	2004	173	870
Florence	2005	100	496
Florence	2006	140	618
Florence	2007	120	370
Florence	2008	229	723
Florence	2009	107	647
Florence	2010	74	225
Total		2600	14769

Recurrence interval of wildfires likely every 2 days.
 Probability of 48% in any given day in the future.
 2600 Wildfires were reported in Florence County South Carolina between 1996 and 2010.

Thunderstorms and Lightning:

Strong winds are a common ingredient to most thunderstorms, tornados, hurricanes and other severe storm activity. The region is in FEMA Wind Zone Category III, which indicates winds up to 200 mph could be felt.

Lightning is an electrical discharge resulting from the buildup of positive and negative charges within a thunderstorm, being manifest by a "bolt" between clouds or the clouds and the ground. The rapid heating and cooling of air near a bolt of lightning often creates thunder. Thunderstorms and lightning events can occur anywhere the conditions are favorable. All of Florence County and its municipalities are susceptible to thunderstorms and lightning events. Thunderstorms and lightning are the most familiar and dangerous of all natural hazards to most people in the Pee Dee region.

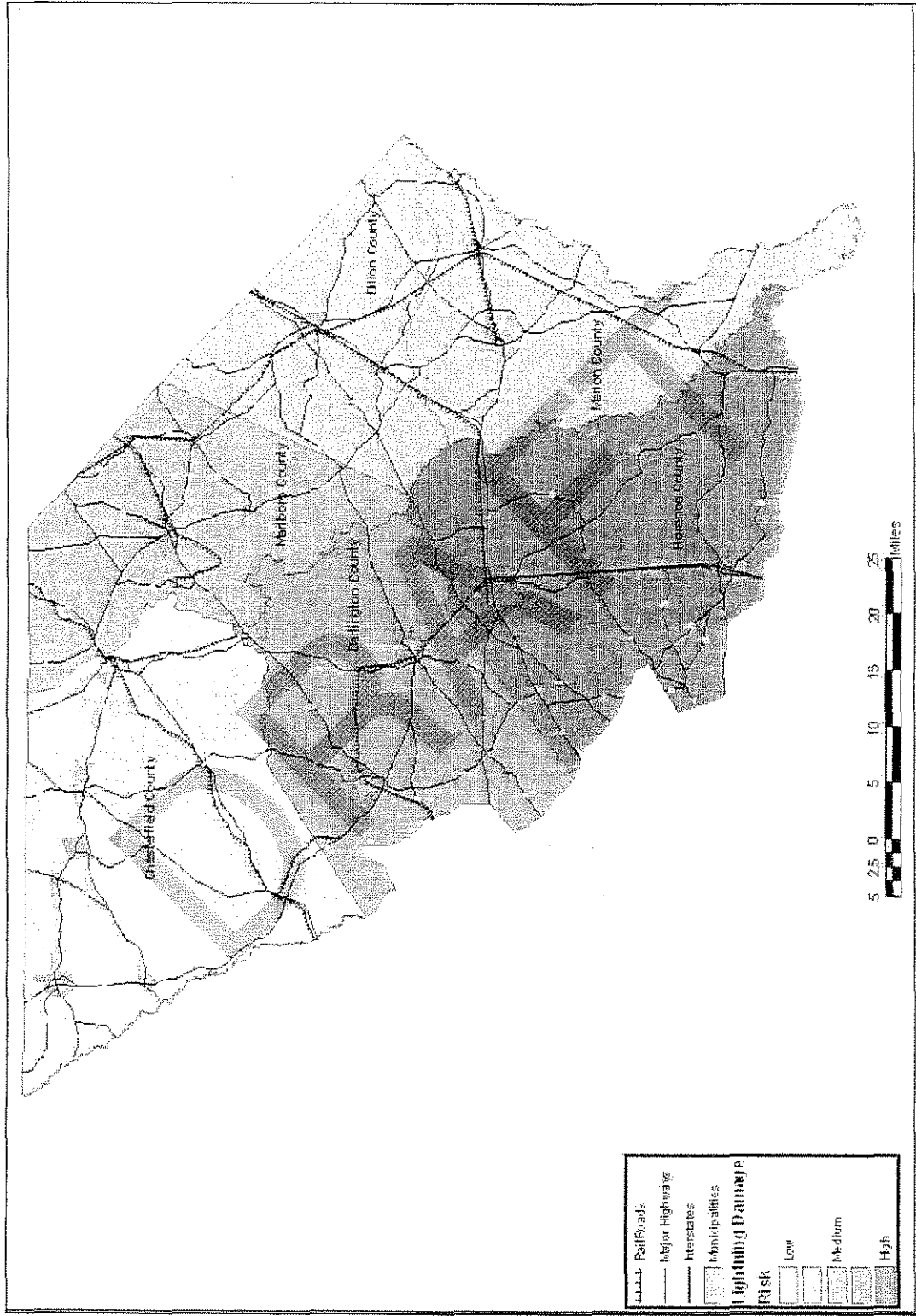
Historical data indicate the following thunderstorms and lightning events and damage from 1950 to 2013. Historically there have been 266 instances, however from there were 63 events within the past five years. Probabilities are illustrated in the graphics:

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Severe Weather South Carolina County or Location	Date	Deaths	Injuries	Property Damage	Crop Damage
Florence	3/2/2007	0	0	\$0.00	\$0.00
Timmonsville	3/2/2007	0	0	\$0.00	\$0.00
Florence	6/5/2007	0	0	\$100,000.00	\$0.00
Lake City	6/5/2007	0	0	\$100,000.00	\$0.00
Florence	7/11/2007	0	0	\$0.00	\$0.00
Pamplico	7/11/2007	0	0	\$0.00	\$0.00
Johnsonville	7/11/2007	0	0	\$0.00	\$0.00
Florence	8/17/2007	0	0	\$0.00	\$0.00
Florence	3/4/2008	0	0	\$0.00	\$0.00
Florence	3/15/2008	0	0	\$0.00	\$0.00
Cartersville	3/15/2008	0	0	\$0.00	\$0.00
Florence	5/20/2008	0	0	\$0.00	\$0.00
Mars Bluff	5/20/2008	0	0	\$0.00	\$0.00
Florence	6/20/2008	0	0	\$0.00	\$0.00
Olanta	6/20/2008	0	0	\$0.00	\$0.00
Florence	7/10/2008	0	0	\$500,000.00	\$0.00
Florence	7/10/2008	0	0	\$500,000.00	\$0.00
Florence	8/6/2008	0	0	\$0.00	\$0.00
Florence	1/7/2009	0	0	\$0.00	\$0.00
Florence	6/11/2009	0	0	\$10,000.00	\$0.00
Florence	6/11/2009	0	0	\$7,000.00	\$0.00
Timmonsville	6/11/2009	0	0	\$7,000.00	\$0.00
Evergreen	6/11/2009	0	0	\$10,000.00	\$0.00
Florence	6/26/2009	0	0	\$20,000.00	\$0.00
Scranton	6/26/2009	0	0	\$20,000.00	\$0.00
Florence	7/6/2009	0	1	\$50,000.00	\$0.00
Florence	7/16/2009	0	0	\$6,000.00	\$0.00
Florence	7/16/2009	0	0	\$5,000.00	\$0.00
Lake City	7/31/2009	0	0	\$2,000.00	\$0.00
Pamplico	5/23/2010	0	0	\$5,000.00	\$0.00
Scranton	6/25/2010	0	0	\$2,000.00	\$0.00
Florence	6/29/2010	0	0	\$3,000.00	\$0.00
Effingham	6/29/2010	0	0	\$2,000.00	\$0.00
Florence	7/9/2010	0	0	\$1,500.00	\$0.00
Mars Bluff	7/9/2010	0	0	\$1,500.00	\$0.00
Howe Springs	7/9/2010	0	0	\$1,500.00	\$0.00
Olanta	7/10/2010	0	0	\$2,000.00	\$0.00
Hannah-Salem	7/10/2010	0	0	\$2,000.00	\$0.00
Florence	7/12/2010	0	0	\$4,000.00	\$0.00
Scranton	7/12/2010	0	0	\$15,000.00	\$0.00
Florence	4/5/2011	0	0	\$58,750.00	\$0.00
Friendfield	4/9/2011	0	0	\$12,000.00	\$0.00
Florence	4/28/2011	0	0	\$63,500.00	\$0.00
Florence	5/11/2011	0	0	\$7,000.00	\$0.00
Florence	5/27/2011	0	0	\$1,000.00	\$0.00
Florence	6/5/2011	0	0	\$15,000.00	\$0.00
Florence	6/28/2011	0	0	\$2,000.00	\$0.00
Florence	7/6/2011	0	0	\$4,000.00	\$0.00
Florence	7/13/2011	0	0	\$0.00	\$0.00
Florence	8/11/2011	0	0	\$2,000.00	\$0.00
Florence	8/20/2011	0	0	\$9,500.00	\$0.00
Florence	8/26/2011	0	0	\$9,000.00	\$0.00
Florence	8/29/2011	0	0	\$3,000.00	\$0.00
Florence	2/24/2012	0	0	\$6,500.00	\$0.00
Timmonsville	3/3/2012	0	0	\$1,000.00	\$0.00
Florence	3/17/2012	0	0	\$15,000.00	\$0.00
Prospect	6/11/2012	0	0	\$1,000.00	\$0.00
Florence	7/1/2012	0	0	\$73,000.00	\$0.00
CUSAC XRDS	7/5/2012	0	0	\$1,000.00	\$0.00
Ebenezer	7/9/2012	0	0	\$3,000.00	\$0.00
Peniel Crossroads	7/10/2012	0	0	\$1,000.00	\$0.00
Ebenezer	2/26/2013	0	0	\$52,000.00	\$0.00
Hannah	4/19/2013	0	0	\$3,000.00	\$0.00
TOTALS:		0	1	\$1,719,750.00	\$0.00

Recurrence interval of every 0.2 years.
Probability of 438% in any given year in the future.
276 Severe Weather event(s) were reported in
Florence County, SC 1950-2013

These events are illustrated in the attached graphic.



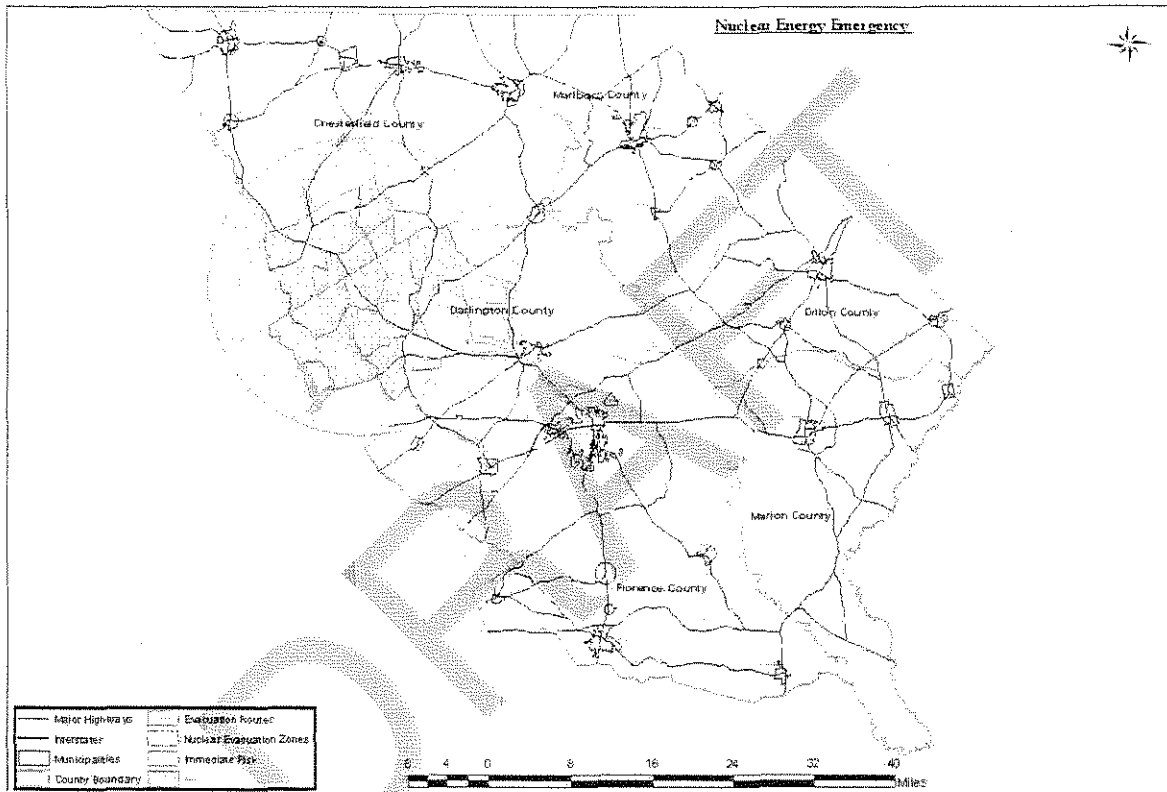
Severe Winter Storm/Ice Storm:

Winter ice storms consist of snow and sleet and freezing rain events and can be particularly damaging. Impacts of such storms are generally widespread. Winter weather is a widespread event and can equally affect all of Florence County and its municipalities. Florence County has a potential snow fall amount of 0" to 24" and an ice accumulation of 0" to 2". Data available have inconsistent property damage estimates. Since the last plan update in 2007 there have been five (5) events and since 1950 there have been fourteen (14) events. From 1950 through 2013 the following data is available, the following event and probability summary is provided:

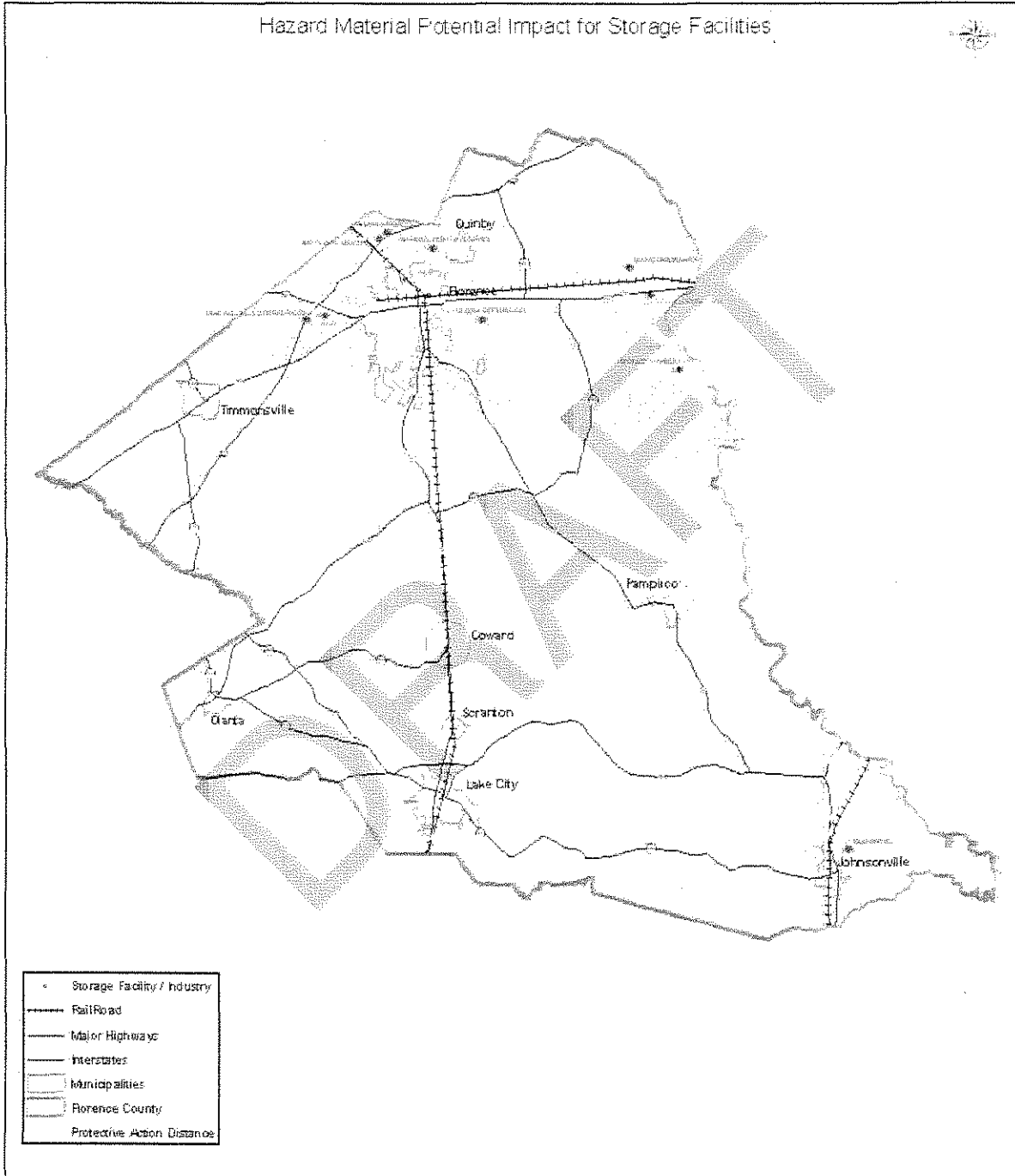
Winter Weather South Carolina Location or County	Date	Time	Type	Magnitude	Deaths	Injuries	Property Damage	Crop Damage
Florence	12/31/1963	N/A	Winter Weather	N/A	0	1	\$10,800.00	\$0.00
Florence	1/9/1968	N/A	Winter Weather	N/A	0	0	\$15,625.00	\$0.00
Florence	2/9/1973	N/A	Winter Weather	N/A	0	0	\$100,000.00	\$0.00
Florence	2/6/1979	N/A	Winter Weather	N/A	0	0	\$160,000.00	\$0.00
Florence	2/17/1979	N/A	Winter Weather	N/A	0	0	\$10,000.00	\$0.00
Florence	2/17/1989	N/A	Winter Weather	N/A	0	0	\$10,000.00	\$0.00
Florence	12/22/1989	N/A	Winter Weather	N/A	0	1	\$110,000.00	\$0.00
Florence	12/27/1992	N/A	Winter Weather	N/A	0	0	\$18,500.00	\$0.00
Florence	1/26/2004	N/A	Winter Weather	N/A	0	0	\$3,300,000.00	\$0.00
Florence	2/4/2009	N/A	Winter Weather	N/A	0	0	\$0.00	\$0.00
Florence	1/30/2010	N/A	Winter Weather	N/A	0	0	\$1,000.00	\$0.00
Florence	2/12/2010	N/A	Heavy Snow	N/A	0	0	\$0.00	\$0.00
Florence	12/26/2010	N/A	Heavy Snow	N/A	0	0	\$0.00	\$0.00
Florence	1/10/2011	N/A	Heavy Snow	N/A	0	0	\$0.00	\$0.00
TOTALS:					0	2	\$3,735,925.00	\$0.00
Recurrence interval of winter weather likely every 4.5 years.								
Probability of 22% in any given year in the future.								
14 Winter Weather Events were reported in								
Florence County, SC between 01/01/1950 and 04/30/2013								

Nuclear Energy Emergency:

The region contains a nuclear-powered electric generating station, the Lake Robinson facility of Progress Energy, located North of the City of Hartsville. While it is a well-operated facility with an excellent safety record, the facility has some risk. The attached graphic illustrates a 15-mile safety zone and somewhat smaller evacuation area and evacuation routes, covering portions of three counties. Based on these immediate risk and evacuation areas, the estimated risks are location within the 50 MPZ and the Ingestion Exposure Pathway.

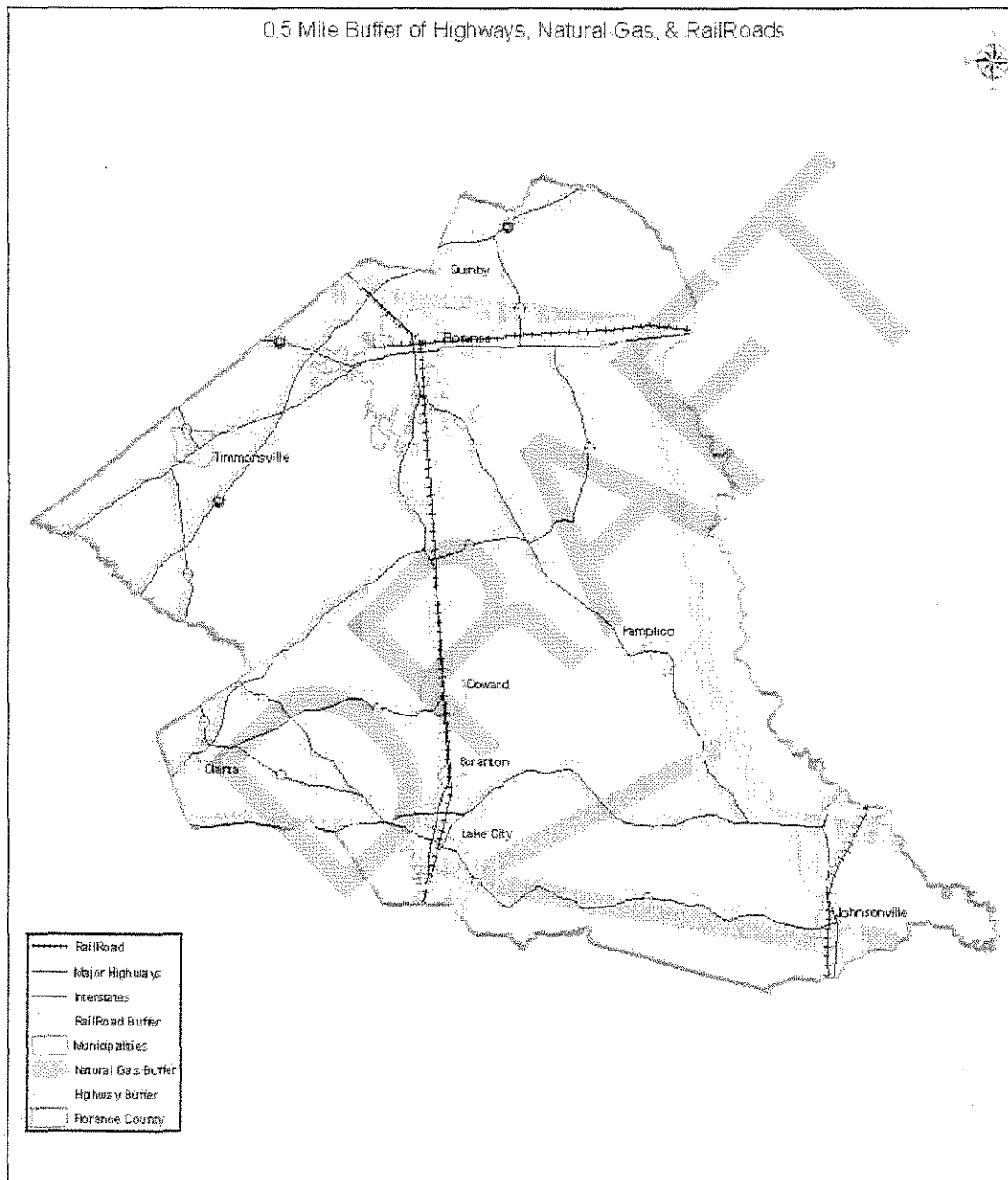


Hazardous Material Storage: First, the types of hazardous materials stored at (mostly) industrial facilities are illustrated. The illustration shows materials storage sites and the "protective action distance", or potential impact area of a spill or release.



Hazardous Materials Transportation: Secondly, major highways, rail lines and natural gas transmission lines represent potential spill or release points or corridors for hazardous materials. On the accompanying pages are maps showing these transportation and transmission corridors.

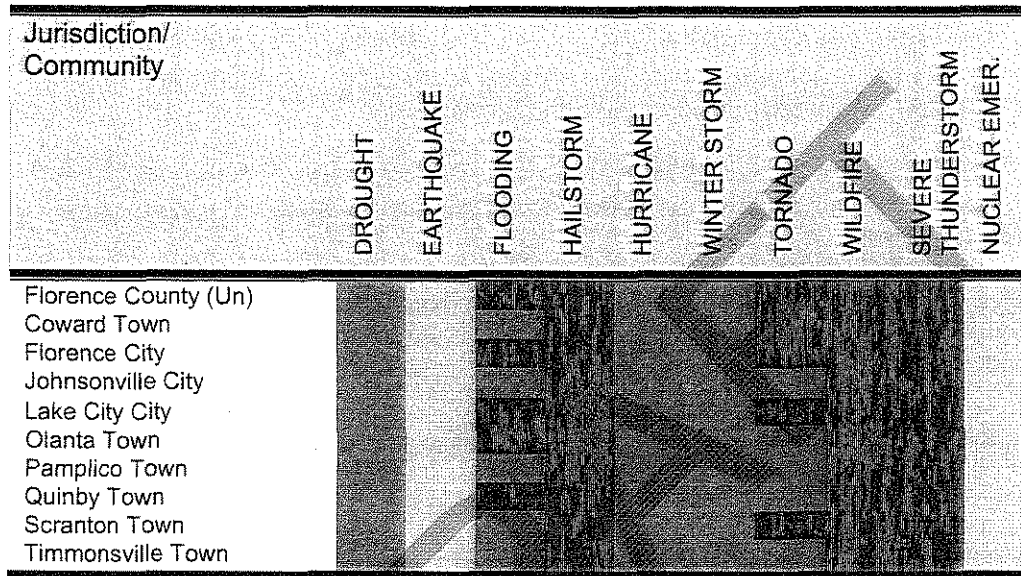
Following the transportation corridors graphic, a composite map of the first two factors is provided, showing vulnerability points. This graphic completes the hazardous materials risk picture.



Composite Assessment of Risks:

The following chart graphically displays the probabilities of occurrence discussed in the proceeding narratives, using a scale of none, low, medium and high. Low probability is the probability of an event occurring more than or equal to every five years. Medium probability is the probability of an event occurring every one to five years. And high probability is the probability of an event occurring at least once a year.

OVERALL RISK: None Low Medium High



To supplement the understanding of overall jurisdictional vulnerability to hazards, the following brief narratives are provided by community:

Florence County (unincorporated area): The unincorporated portions of the County have mostly moderate to high vulnerability to hazards. Of most concern are high susceptibility to flooding, hailstorm, tornado, wildfires and thunderstorms and has at least some vulnerability to all other hazards.

Coward Town: The Town has moderate to high vulnerability to hazards. Of most concern are high susceptibility to hailstorm, tornado, wildfires and thunderstorms and has at least some vulnerability to all other hazards.

Florence City: The City is the largest municipality in the region and County and has moderate to high vulnerability to hazards. Of most concern are high susceptibility to flooding, hailstorm, tornado, wildfires and thunderstorms; also, the City has at least some vulnerability to all other hazards.

Johnsonville Town: The Town has moderate to high vulnerability to most hazards. Of most concern are high susceptibility to hailstorm, wildfires and thunderstorms and the town has at least some vulnerability to all other hazards.

City of Lake City: The Town has moderate to high vulnerability to hazards. Of most concern are high susceptibility to flooding, hailstorm, tornado, wildfires and thunderstorms and the town has at least some vulnerability to all other hazards.

Olanta Town: The Town has moderate to high vulnerability to hazards. Of most concern are high susceptibility to flooding, hailstorm, wildfires and thunderstorms and the town has at least some vulnerability to all other hazards.

Pamplico Town: The Town has moderate to high vulnerability to hazards. Of most concern are high susceptibility to hailstorm, wildfires and thunderstorms and has at least some vulnerability to all other.

Quinby Town: The Town has moderate to high vulnerability to hazards. Of most concern are high susceptibility to flooding, hailstorm, wildfires, and thunderstorms.

Scranton Town: The Town has moderate to high vulnerability to hazards. Of most concern are high susceptibility to tornado, hailstorm, wildfires and thunderstorms and has at least some vulnerability to all other hazards.

Timmonsville Town: The Town has moderate to high vulnerability to hazards. Of most concern are high susceptibility to hailstorm, wildfires and thunderstorms and has at least some vulnerability to all other hazards.

Critical Facilities Assessment

Some facilities and systems in the community are very important to the health, safety and welfare of the community. Therefore, high priority is given to assessing their vulnerabilities to future disasters and proposing mitigation initiatives to address identified vulnerabilities. For purposes of this plan, these facilities are considered to be "critical facilities," and, as a part of the planning process, the participating jurisdictions have identified selected facilities to warrant this designation as "critical."

Critical facilities have been defined in this plan as those facilities that (1) should not lose operational status during a disaster, (2) should return to operational status within 24 hours following a disaster, or (3) should return to operational status within 72 hours following a disaster. Other definitions exist, including that of the State Hazard Mitigation Plan: (1) the facility should continue to operate during a hazard event or (2) the facility should return to operational status within forty-eight [48] hours if it loses operational status during a hazard event. From this critical facilities database, tables are attached that describe facilities and indicate the vulnerability for these critical facilities to natural and man-made hazards. The tables that follow at the end of this chapter include:

- 1 Critical Facility Inventory
- 2 Critical Facility Assessment

The participating jurisdictions have conducted vulnerability assessments for designated critical facilities. These vulnerability assessments are being utilized to evaluate the need for proposing mitigation initiatives to address the defined vulnerabilities, if any, and include any proposed initiatives in the Florence County plan. The participating jurisdictions have attempted to identify and assess those of most concern. As the planning process continues, the participating

jurisdictions will continue to add more facility vulnerability assessments to the database, and to consider those with highest vulnerabilities as warranting proposing of mitigation initiatives.

Individual Vulnerability Assessment Results

Within the planning concept, vulnerability assessments are conducted by personnel from the department, agency or neighborhood whose property is being evaluated or, when necessary, by the committee. While the reports attached to this section are basically summaries of the efforts by participants from throughout the county, specific and detailed results of the vulnerability assessments are presented later in this document. These specific vulnerability assessments provide the detailed basis for identifying the needs for mitigation initiatives, which can then be formulated and proposed for incorporation into the plan.

Jurisdiction Policies for Control of Vulnerabilities

An important aspect of the vulnerability assessment process is to determine if the local jurisdictions have policies, plans, codes or requirements in place that are intended to avoid or minimize the vulnerability of the community to the hazards that threaten it. These policies and programs can take many forms, such as building and land use codes, hazard mitigation and emergency response plans, requirements for facility operations and maintenance, etc. If local government's policies, plans and requirements effectively address the hazards posing the greatest risk to the community, then the vulnerability to future disasters can be reduced.

Just like the vulnerability assessment process being undertaken by the committee, for facilities, systems and neighborhoods, the assessment of the extent to which the policy framework responds to the hazards of concern is another vehicle to identify the need for mitigation initiatives. In this case, however, the mitigation initiatives proposed would be non-structural in concept, i.e., the development of new plans, codes or policies to address the identified hazards and to reduce the presence of future vulnerabilities of the community. The first map demonstrates the overall hazard vulnerability.

Social Vulnerability: With preceding analyses pinpointing natural and man-made hazards risk by geographic area, another graphic analysis has mapped population vulnerability, illustrating the extent of population groups and property that is at risk from these natural and man-made hazards. For this GIS analysis, populations that are most vulnerable from impact of especially natural hazards included:

- Concentrations of women
- Concentrations of children: <18 years
- Concentrations of elderly: > 65 years
- Concentrations of minorities.
- Concentrations of the poor (low income areas)

In like fashion, vulnerable places and property have been mapped, included:

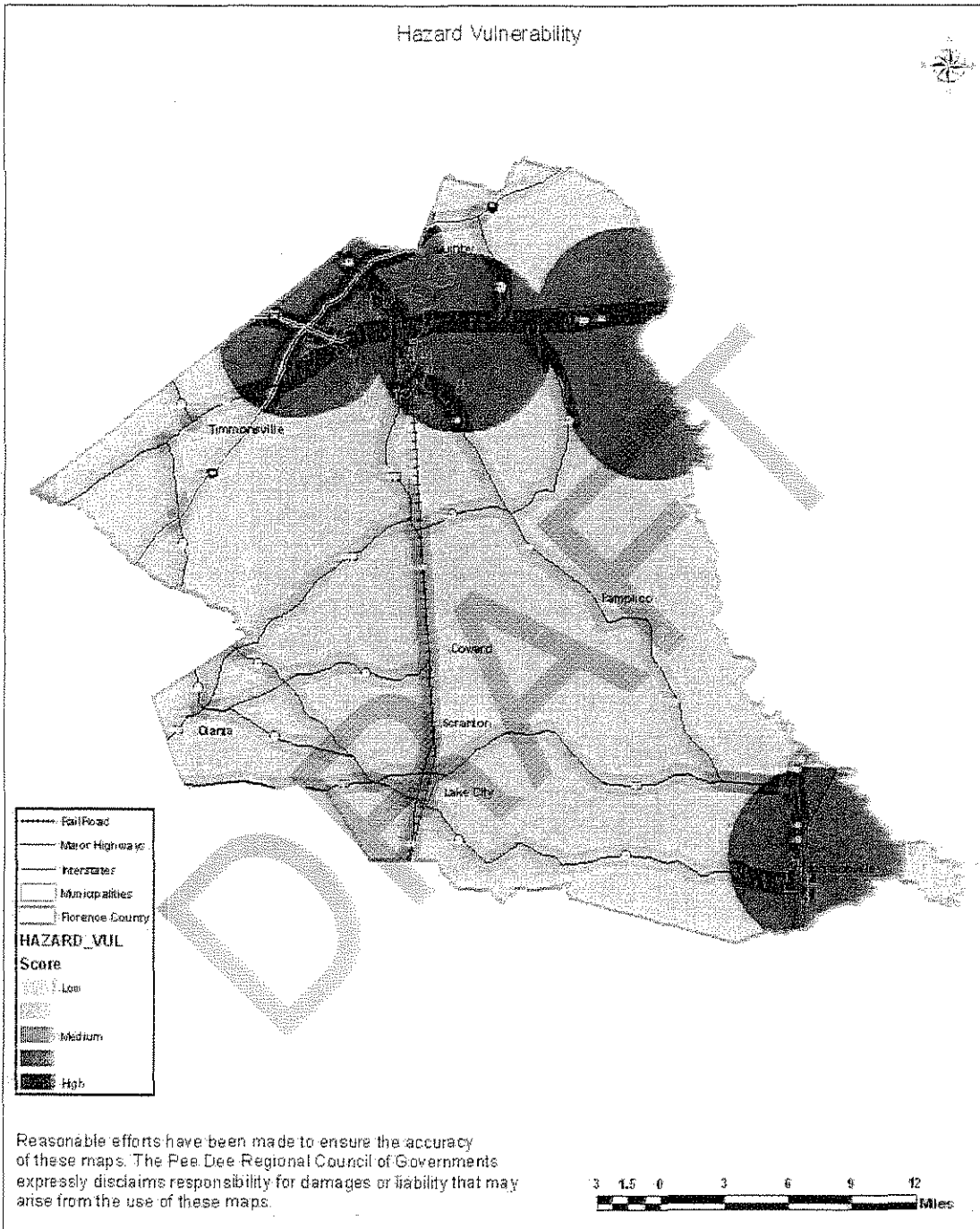
- High density areas
- Total housing units
- Total mobile homes
- Median housing value

It should be noted that the places and property vulnerability takes a different philosophical approach than the population factors. The population groups mapped are those that would have greater difficulty preparing for, coping with and recovering from natural disasters. Women, children, the elderly, the poor and other listed populations do not have as much ability or the resources to survive or recover as well as other population groups.

Overall Social and Place Vulnerability.

The committee has also analyzed three aspects of "place" vulnerability to demonstrate the types of issues related to critical facilities and overall population susceptibility to impacts from natural and man-made disasters. Maps are provided that summarize such vulnerability.

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Social Vulnerability



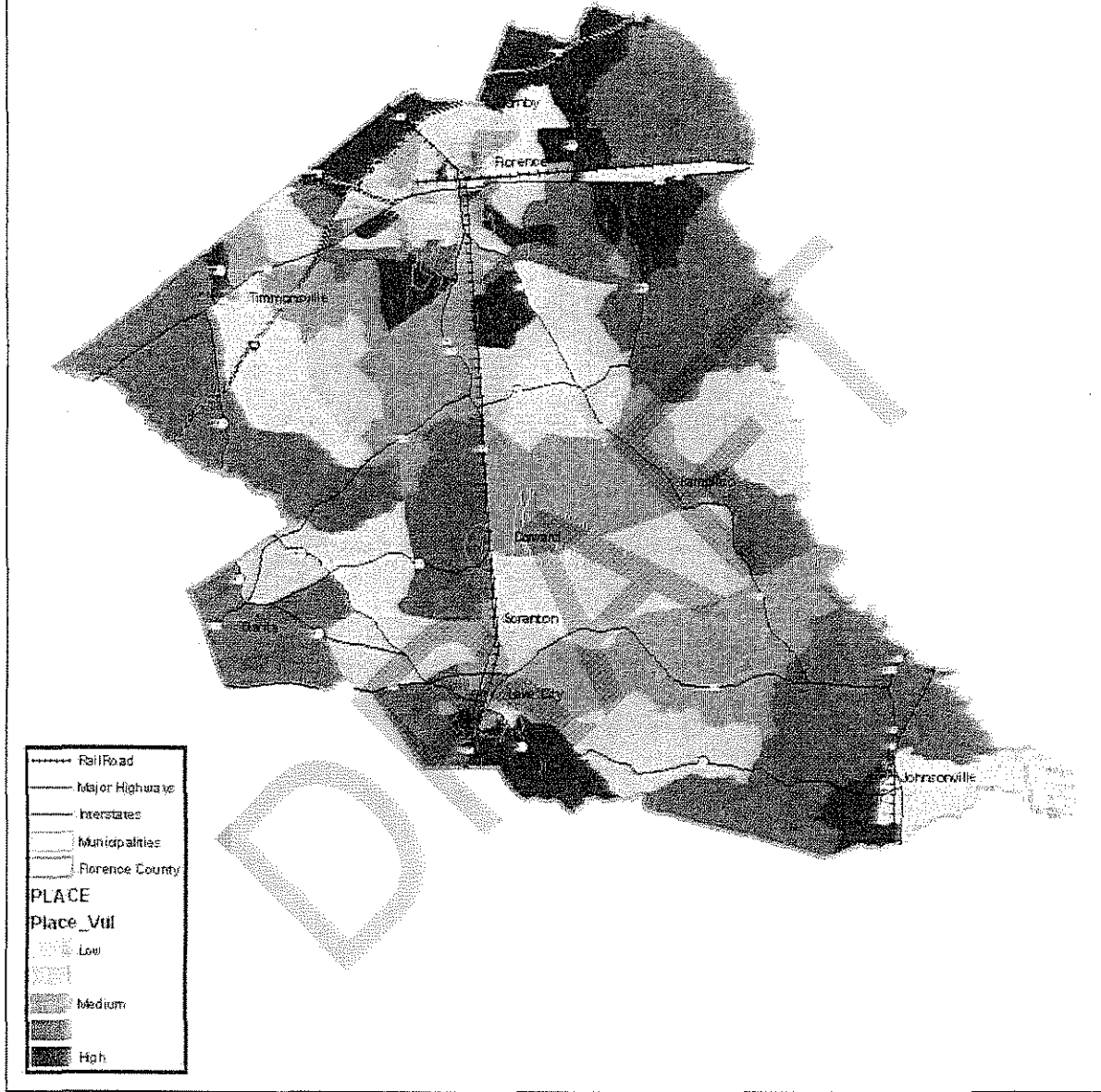
	Rail Road
	Major Highways
	Interstates
	Municipalities
	Florence County

SOCIAL VULNERABILITY

Social_Vul

	Low
	Medium
	High

Place Vulnerability
Social and Hazard Vulnerability Combined



Summary

It must be emphasized that the fundamental reason for undertaking the hazard identification and vulnerability assessment process is to highlight vulnerabilities that need to be addressed by the development of proposed mitigation initiatives for incorporation into the mitigation plan. Because of the numerous locations, facilities, and systems in Florence County that need to be assessed for their vulnerability to disasters, this component of the mitigation planning process can be expected to be continued in future updates of the plan.

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FLORENCE COUNTY CRITICAL INVENTORY

Facility	EOCs	Fire Stations	Hospital	Law Enforcement	EMS/Rescue	Communications	Public Works	Government	Total
City of Florence	1	4	2	1	1	1	1	1	
Town of Johnsonville		1		1	1		1	1	
Town of Lake City		1	1	1	1	1	1		1
Town of Coward		1		1					1
Town of Olanta		1		1	1		1		1
Town of Pamplico		1		1	1	1	1		1
Town of Quinby		1		1					1
Town of Scranton		1		1					1
Town of Timmonsville		1			1				1
Unincorporated Florence County	1	26		1	3	1	1	1	
TOTALS	2	38	3	9	9	4	6	10	81

FACILITY NAME	FACILITY TYPE	Drought	Earthquake	Flooding	Hailstorm	Hurricane	Tornado	Wildfire	Thunderstorm Lightning	Winter Weather	Nuclear Emergency
City of Florence Station 1	Fire Station	X	X	X	X	X	X		X	X	X
City of Florence Station 2	Fire Station	X	X	X	X	X	X		X	X	X
City of Florence Station 3	Fire Station	X	X	X	X	X	X		X	X	X
City of Florence Station 4	Fire Station	X	X	X	X	X	X		X	X	X
Hannah-Salem Friendfield Station 1	Fire Station	X	X	X	X	X	X	X	X	X	X
Hannah-Salem Friendfield Station 2	Fire Station	X	X	X	X	X	X	X	X	X	X
Hannah-Salem Friendfield Station 3	Fire Station	X	X	X	X	X	X	X	X	X	X
Hannah-Salem Friendfield Station 4	Fire Station	X	X	X	X	X	X	X	X	X	X
Howe Springs Station 1	Fire Station	X	X	X	X	X	X	X	X	X	X
Howe Springs Station 2	Fire Station	X	X	X	X	X	X	X	X	X	X
Howe Springs Station 3	Fire Station	X	X	X	X	X	X	X	X	X	X
Howe Springs Station 4	Fire Station	X	X	X	X	X	X	X	X	X	X
Howe Springs Station 5	Fire Station	X	X	X	X	X	X	X	X	X	X
Howe Springs Station 6	Fire Station	X	X	X	X	X	X	X	X	X	X
Johnsonville Station 1	Fire Station	X	X	X	X	X	X		X	X	X
Johnsonville Station 2	Fire Station	X	X	X	X	X	X	X	X	X	X
Johnsonville Station 3	Fire Station	X	X	X	X	X	X	X	X	X	X
Lake City Fire Station 1	Fire Station	X	X	X	X	X	X		X	X	X
Olanta Station 1	Fire Station	X	X	X	X	X	X		X	X	X
Olanta Station 2	Fire Station	X	X	X	X	X	X	X	X	X	X
Pamplico Station 1	Fire Station	X	X	X	X	X	X		X	X	X

HAZARD IDENTIFICATION AND RISK ASSESSMENT

Sardis-Timmons Station 1	Fire Station	X	X	X	X	X	X	X	X	X	X	X
Sardis-Timmons Station 2	Fire Station	X	X	X	X	X	X	X	X	X	X	X
Sardis-Timmons Station 3	Fire Station	X	X	X	X	X	X	X	X	X	X	X
South Lynches Station 1	Fire Station	X	X	X	X	X	X	X	X	X	X	X
South Lynches Station 2	Fire Station	X	X	X	X	X	X	X	X	X	X	X
South Lynches Station 3	Fire Station	X	X	X	X	X	X	X	X	X	X	X
South Lynches Station 5	Fire Station	X	X	X	X	X	X	X	X	X	X	X
South Lynches Station 6	Fire Station	X	X	X	X	X	X	X	X	X	X	X
Timmons Station 1	Fire Station	X	X	X	X	X	X	X	X	X	X	X
West Florence Station 1	Fire Station	X	X	X	X	X	X	X	X	X	X	X
West Florence Station 2	Fire Station	X	X	X	X	X	X	X	X	X	X	X
West Florence Station 3	Fire Station	X	X	X	X	X	X	X	X	X	X	X
Windy Hill Station 1	Fire Station	X	X	X	X	X	X	X	X	X	X	X
Windy Hill Station 2	Fire Station	X	X	X	X	X	X	X	X	X	X	X
Windy Hill Station 3	Fire Station	X	X	X	X	X	X	X	X	X	X	X
Windy Hill Station 4	Fire Station	X	X	X	X	X	X	X	X	X	X	X
Windy Hill Station 5	Fire Station	X	X	X	X	X	X	X	X	X	X	X
LAW ENFORCEMENT												
City of Florence Police Department	Law Enforcement	X	X	X	X	X	X	X	X	X	X	X
Coward Police Department	Law Enforcement	X	X	X	X	X	X	X	X	X	X	X
Florence County LEC	Law Enforcement	X	X	X	X	X	X	X	X	X	X	X
Johnsonville Police Department	Law Enforcement	X	X	X	X	X	X	X	X	X	X	X
Lake City Police Department	Law Enforcement	X	X	X	X	X	X	X	X	X	X	X
Olanta Police Department	Law Enforcement	X	X	X	X	X	X	X	X	X	X	X
Pamplico Police Department	Law Enforcement	X	X	X	X	X	X	X	X	X	X	X

Quinby Police Department	Law Enforcement	X	X	X	X	X	X	X	X	X	X	X
Scranton Police Department	Law Enforcement	X	X	X	X	X	X		X	X	X	X
EMS/RESCUE												
Florence County EMS Station 1	EMS/Rescue	X	X	X	X	X	X		X	X	X	X
Florence County EMS Station 2	EMS/Rescue	X	X	X	X	X	X		X	X	X	X
Florence County EMS Station 3	EMS/Rescue	X	X	X	X	X	X	X	X	X	X	X
Florence County EMS Station 4	EMS/Rescue	X	X	X	X	X	X		X	X	X	X
Florence County EMS Station 5	EMS/Rescue	X	X	X	X	X	X	X	X	X	X	X
Florence County EMS Station 6	EMS/Rescue	X	X	X	X	X	X	X	X	X	X	X
Johnsonville Rescue Station 1	EMS/Rescue	X	X	X	X	X	X		X	X	X	X
Pamplico Rescue Station 1	EMS/Rescue	X	X	X	X	X	X		X	X	X	X
Timmonsville Rescue Station 1	EMS/Rescue	X	X	X	X	X	X		X	X	X	X
HOSPITALS												
Carolinas Hospital System	Hospital	X	X	X	X	X	X		X	X	X	X
Lake City Community Hospital	Hospital	X	X	X	X	X	X		X	X	X	X
McLeod Regional Medical Center	Hospital	X	X	X	X	X	X		X	X	X	X
EMERGENCY OPERATIONS CENTER												
City of Florence EOC	EOC	X	X	X	X	X	X		X	X	X	X
Florence County EOC	EOC	X	X	X	X	X	X	X	X	X	X	X
COMMUNICATIONS												
Florence County E-911	Communications	X	X	X	X	X	X	X	X	X	X	X
Effingham Tower Site	Communications	X	X	X	X	X	X		X	X	X	X
Lake City Tower Site	Communications	X	X	X	X	X	X		X	X	X	X
Pamplico Tower Site	Communications	X	X	X	X	X	X	X	X	X	X	X
Florence Tower Site	Communications	X	X	X	X	X	X		X	X	X	X
PUBLIC WORKS												

Florence County Public Works	Public Works	X	X	X	X	X	X	X	X	X	X
City of Florence	Public Works	X	X	X	X	X	X	X	X	X	X
City of Lake City	Public Works	X	X	X	X	X	X		X	X	X
Town of Coward Water Department	Public Works	X	X	X	X	X	X		X	X	X
Town of Pamplico Public Works	Public Works	X	X	X	X	X	X		X	X	X
Town of Olanta Water Department	Public Works	X	X	X	X	X	X		X	X	X
GOVERNMENT											
Florence County Complex	Government	X	X	X	X	X	X		X	X	X
City of Florence	Government	X	X	X	X	X	X		X	X	X
City of Lake City	Government	X	X	X	X	X	X		X	X	X
Lower Florence Co. Public Services Bldg	Government	X	X	X	X	X	X		X	X	X
Town of Coward	Government	X	X	X	X	X	X		X	X	X
Town of Johnsonville	Government	X	X	X	X	X	X		X	X	X
Town of Olanta	Government	X	X	X	X	X	X		X	X	X
Town of Pamplico	Government	X	X	X	X	X	X		X	X	X
Town of Quinby	Government	X	X	X	X	X	X	X	X	X	X
Town of Scranton	Government	X	X	X	X	X	X		X	X	X
Town of Timmonsville	Government	X	X	X	X	X	X		X	X	X

**Florence County
Hazard Mitigation Plan**

Section Five

PROGRESS IN PLAN IMPLEMENTATION

Introduction

This section discusses the current status of implementation of the Florence County Hazard Mitigation Plan. There are several aspects of plan implementation that need to be addressed:

- The status of promulgation or formal adoption of the plan by the participating jurisdictions,
- The previously proposed mitigation initiatives that have been implemented,
- The activities of the FCHMPC to engage the public and the community at large in the mitigation planning process
- The FCHMPC priorities for implementation of approved mitigation initiatives now incorporated into the plan, and
- How recent disaster experience has illustrated the need for and success of the Florence County Hazard Mitigation Plan.

Status of Plan Promulgation and Approval

Promulgation and approval of the plan is a very important step in assuring its implementation. It is the expectation of the FCHMPC that the governing body of each participating jurisdiction or organization will review, consider and act on their section of this plan. If the governing body acts in a positive manner, this is basically an approval or endorsement of the proposed mitigation initiatives contained in the corresponding individual section of the plan. This approval or endorsement, with or without modification by the governing body, represents both consent and commitment by the representatives of that organization or jurisdiction to seek the resources needed to implement the priority initiatives contained therein. Only through actual implementation of the proposed mitigation initiatives contained in this plan can it actually help to make Florence County a disaster resistant area.

As the FCHMPC continues the planning efforts in the future, it is intended that additional updates of the mitigation plan will be published to provide both the participating organizations and the public current information regarding the mitigation planning process. Further, approximately every five years, the FCHMPC will again seek the review and updating of the individual jurisdictional plans. This interval has been selected to provide a sufficient period for the FCHMPC to have made significant progress in further technical analysis, implementation of currently proposed initiatives, and development of new proposals, prior to again seeking formal local approval of the plan. In this way, the plan can be kept up-to-date on a continuing basis by FCHMPC, while nevertheless assuring that the jurisdictions' governing bodies routinely review the plan and approve its implementation.

Public Information and Participation

The FCHMPC, as well as individual participating agencies and organizations, have been active in attempting to engage the general public in the planning process. Public information activities have been undertaken to explain the mitigation planning process to the community and to solicit their input and involvement in the planning process, as well as to provide mitigation awareness and educational information. The FCHMPC welcomes public input to the planning process, and fosters public participation through the issuance of media releases, holding public meetings and hearings, etc.

Public information activities by the FCHMPC have included: conducting an orientation meeting for all jurisdictions in the planning area; encouraging officials, community leaders and emergency service providers including representatives from local governments, business and industry, law enforcement, fire and rescue, health care, and others to be involved in the planning effort. A more direct involvement of the general public was addressed with a public meeting on the draft plan prior to formal adoption of the plan by the local county and municipal governments held on September 5, 2013 at the Florence County Emergency Management Division. It was advertised in the Florence News journal and on September 2, 2013. Appendix B "Notice of Public Meeting" and "is attached at the end of this plan. Florence County also ensured public involvement by allowing a review of the plan on the Florence County website. Located at <http://www.fcemd.org/index.php/plans-mainmenu-50> with a request for comments.

Public information activities by the FCHMPC include: inviting the participation of all municipalities, and ensuring that there was broad representation and participation by emergency service provider organizations in the committee proceedings. Every year the FCHMPC will hold one public meeting and any feedback from the meeting will be incorporated in future mitigation plans.

FCHMPC will continue efforts to develop and implement a year-round program to engage the community in the mitigation planning process and to provide them with mitigation-related information and education. These efforts will be to continually invite public comments and recommendations regarding the mitigation goals for the community, the priorities for the planning, and the unique needs of each community for mitigation-related public information.

Completed Mitigation Initiatives

The implementation of the mitigation initiatives proposed as a result of the planning process followed by the FCHMPC is an important measure of the progress in implementation of the plan. As the participants in the planning are able to implement more and more of the proposed initiatives that have been incorporated into the plan, the facilities, systems and neighborhoods of the county can become more and more resistant to the impacts of future disasters.

The Priority for Initiative Implementation

As a part of its future planning process, the FCHMPC also will periodically review the proposed mitigation initiatives approved for incorporation into the plan to determine their priority for implementation during the next planning period. This assessment will provide guidance to the individual jurisdictions and organizations proposing the initiatives to encourage them to focus on those designated as priority. However, because each participating jurisdiction or organization has independent authority and responsibility for implementation of their proposed mitigation initiatives under the mitigation planning approach used by the FCHMPC the jurisdictions and

organizations retain the prerogative to act in their own interests, using their own priorities for mitigation initiative implementation.

In many ways, the priority for implementation assigned to proposed mitigation initiatives could be considered a suggestion or recommendation to the proposal sponsors to seek the resources for implementation. These resources may range from the normal budgeting process for the jurisdiction or organization to seeking state or federal financial or technical support for implementation of the initiative.

The designation "priority for implementation" means that the FCHMPC recommends that sponsors of those initiatives so classified focus on their implementation as soon as feasible. As such, this recommendation for priority represents input from the jurisdictions and organizations throughout the county to individual sponsors of proposed mitigation initiatives and therefore the recommendation should be given appropriate weight in the jurisdiction's decision process regarding implementation.

The designation "On Going" for implementation status means that the sponsoring organization or agency is currently working toward securing funding or actual work on this initiative. The designation "No Change" means that the subject mitigation initiative should continue to be included in the plan. FCHMPC believes that a continuing effort should be made to secure the funding for, or create the opportunity for, implementation of the proposed mitigation initiative within the normal business activities of the sponsoring organization or agency. The designation "deleted" means that re-review of the proposed initiative has resulted in the conclusion that the initiative should be removed from the mitigation plan, because it is no longer desirable or necessary. Of course, when a mitigation initiative is actually completed, it is so indicated as within the program. The designation "New" indicates an initiative that the FCHMPC has identified as a new initiative to be added to the plan.

A report entitled "Initiatives By Priority" is provided in an attachment to Section 7, which identifies the implementation priority desired. The operating procedure also calls for the FCHMPC planning staff to recommend an implementation schedule for any proposed mitigation initiative considered to be "On Going" or "priority for implementation." This schedule, which represents the FCHMPC suggestion to the sponsoring organization, gives a recommended date for initiation of implementation as well as a recommended date for completion of the initiative.

Effectiveness of Mitigation Initiatives

Of course, the true measure of progress in the implementation of mitigation initiatives is their success in saving lives, avoiding property damage and protecting valuable or irreplaceable resources in the community. As the mitigation initiatives that have been incorporated into the plan are implemented, there will be more opportunities to measure the "success" of the mitigation efforts.

The best opportunity for measuring this success is to evaluate the community's experience with actual disasters and to attempt to estimate the number of lives that were saved by the implemented initiatives or the value of the property protected from disaster-related damage.

In addition, however, recent disaster events can be very helpful in highlighting the mitigation needs of the community based on the type, location or magnitude of the impacts experienced. In turn, this can be a major factor in the future progress of implementation of the plan, as the FCHMPC considers and acts on actual disaster experience by the community. Such

recommendations can be referred to a "lead" agency with the intention that that organization will use the information to propose additional mitigation initiatives for incorporation into the plan.

Compiling data on the "success" of existing and/or completed mitigation initiatives is an activity undertaken by the FCHMPC members on an ongoing basis and is an integral component of the process used to implement and maintain the plan.

To date, the participating organizations have not had an opportunity to conduct extensive analysis of the effectiveness of the previously implemented mitigation initiatives. This is a planning activity, however, to be included in the process to continue to expand and maintain this plan.

Plan Implementation and Plan Maintenance Procedures

This portion of the plan discusses the manner in which the plan will continue to be implemented and maintained over time. "Plan implementation" is considered as the implementation of the proposed mitigation initiatives now included in the plan. "Plan maintenance" is considered to be the process by which the FCHMPC will continue to update, improve and expand the mitigation planning process. It also includes the technical analyses needed for the process to propose more mitigation initiatives for incorporation into the plan. "Plan maintenance" further includes the group's activities to monitor implementation of the plan, to evaluate the effectiveness of implemented mitigation initiatives, and to continually strive to engage the community in the planning process. The basic elements of the FCHMPC actions to implement and maintain the plan are also described in the operating procedures.

Planning and regulatory capability is based on the implementation of plans, ordinances and programs that demonstrate a local jurisdiction's commitment to guiding and managing growth, development and redevelopment in a responsible manner, while maintaining the general welfare of the community. It includes emergency response and mitigation planning, comprehensive land use planning and transportation planning, in addition to the enforcement of zoning or subdivision ordinances and building codes that regulate how land is developed and structures are built, as well as protecting environmental, historic and cultural resources in the community. Although some conflicts can arise, these planning initiatives generally present significant opportunities to integrate hazard mitigation principles and practices into the local decision making process. This mitigation plan will be integrated into the following plans Florence County Comprehensive Land Use Plan, Florence County Emergency Operations Plan, Florence County Zoning and Planning, and Florence County Building Codes as appropriate. The FCHMPC will review the aforementioned plans and make recommendations to include hazard mitigation priorities and actions into these plans.

Plan Implementation Responsibility and Schedules

As noted above, implementation of the plan is basically through implementation of the approved mitigation initiatives incorporated into the plan. As these initiatives are implemented over the years, the facilities, systems and neighborhoods of the participating jurisdictions will become less vulnerable to the impacts of future disasters, and the communities of the county will become increasingly more disaster resistant.

As a part of the planning process, on a periodic basis, (after each disaster event or annually, whichever occurs first) approved mitigation initiatives included in the plan are re-evaluated as to their continuing value and the need for their implementation. The purpose of this re-evaluation is

to assure that a proposed mitigation initiative remains a valuable component of the plan, and whether any unique or unanticipated conditions warrant extra efforts to implement the initiative.

Plan Maintenance and Monitoring of Plan Implementation

Mitigation planning is a dynamic process that must be continually adjusted to account for changes in the community and to further refine the information, judgments and proposals documented in the local mitigation plan. The process used by the FCHMPC to maintain the plan consists primarily of four functions.

The first is to continue to expand and improve the mitigation plan by accomplishing additional technical analyses, such as vulnerability assessments, evaluation of the policy framework of the participating jurisdictions, and post-event analysis of disasters, etc. The second is to continue to expand participation in the planning process by soliciting the involvement of additional agencies from the participating jurisdictions, by implementing public information programs, and by inviting expanded participation by the private sector. The third is to routinely monitor implementation of the initiatives in the plan until each is completed and in-place, and to assess their actual effectiveness following the next relevant disaster event. The fourth is to issue an updated plan document for use by the participating jurisdictions, to inform the community, and when appropriate for submittal to state and federal agencies for approval pursuant to the Disaster Mitigation Act of 2000. This portion of the plan describes these four activities to maintain the plan.

The technical analyses conducted by the participating jurisdictions will be an ongoing effort to continually assess the hazards threatening the community, the vulnerabilities to those hazards, and the adequacy of the participating jurisdictions' policy and program framework to control those vulnerabilities. When indicated, the technical analysis also includes formulating proposed mitigation initiatives to eliminate or minimize the identified vulnerabilities. Therefore, the extent to which all of the vulnerabilities of the important facilities and neighborhoods in the planning area have been identified is a direct indicator of the mitigation planning remaining to be done.

Another technical analysis important to maintenance of the plan is the expanded and refined evaluation of the policy and program framework of the participating jurisdictions and the adequacy of this framework to control the vulnerabilities of the community. The emphasis of this plan maintenance activity during the upcoming planning cycle will be to evaluate the effectiveness of hazard specific local ordinances and the adequacy of their enforcement.

The next type of activity to continue to maintain the plan will be to continue to expand participation in the FCHMPC and the mitigation planning process. The current participants in the planning are listed at the end of Section 2. Gaining additional participation in the planning is also part of the public information and community outreach component of the approach to plan development. The planned public information activities are attached as Appendix B entitled "Notice of Public Meeting."

As part of the plan maintenance process, the FCHMPC intends to encourage expanded participation in the planning through active recruitment and involvement of additional local agencies, community groups, and private sector interests in the planning. Also, public hearings will be encouraged at the beginning of future editions of the plan.

The third category of plan maintenance activities that will be undertaken by the FCHMPC will be to monitor the implementation of mitigation initiatives by the participating jurisdictions and their agencies. The FCHMPC will document the efforts to fund the initiative, to conduct required studies, and to obtain any needed permits, as well as to estimate the time remaining to complete design, needed studies and purchasing or construction. When an initiative is completed, this fact is noted in the program as well. The current status of initiative implementation has been discussed in Section 7 of this plan, and this section will again be updated for the next publication of the plan.

As a part of monitoring the implementation of mitigation initiatives, following a disaster and as a part of the post-event analysis that the FCHMPC will conduct the effectiveness of completed mitigation initiatives, or any pre-existing mitigation initiatives, in reducing the human and economic impacts of the event can be estimated. As time passes and disaster events occur, this will enable the FCHMPC to accumulate a database of "mitigation success stories" with regard to the value of the property losses avoided and the number of fatalities, injuries or illnesses prevented.

Monitoring of the effectiveness of plan implementation and maintenance also involves assessing the effectiveness of the mitigation goals and objectives established for the planning process. As noted above, the FCHMPC proposed general goals and a number of specific objectives to guide the participants in the mitigation planning process, and these are given in Section 6. The committee's attempts to address the established objectives, with the intent of achieving the associated mitigation goals for the community, is a key measure of the effectiveness of the continuing plan maintenance and plan implementation. In future planning cycles, these goals will be reviewed and re-evaluated to ensure they are still relevant to the unique needs of the community and continue to address current and expected conditions.

The fourth category of plan maintenance activities is to actually incorporate the results of all technical analyses, including the development of new mitigation initiatives, and to publish another, updated edition of the plan. In addition to documenting additional technical analysis, the FCHMPC will document the efforts to continue to engage the public in the planning process, to expand direct participation in the planning, and to increase representation on the FCHMPC.

Plan Updating, Review and Approval

This plan will be reviewed, updated and approved at least every 5 years beginning with the date of the initial plan approval by FEMA. In addition to the start date for the planning cycle, this planning timeline also documents the intended deadlines for completion of key activities in the planning approach. When determined necessary, the FCHMPC shall meet yearly to evaluate the progress attained and to revise, where needed, the activities set forth in the plan. The findings and recommendations of the FCHMPC shall be documented in the form of a report that can be shared with interested City and County Council members. The FCHMPC will also meet following any disaster events warranting a re-examination of the mitigation actions being implemented or proposed for future implementation. This will ensure that the plan is continuously updated to reflect changing conditions and needs within the county which includes the participating jurisdictions.

At the conclusion of the planning cycle, a draft of the updated mitigation plan will be prepared and distributed for public comment and input. Several public hearings will be advertised and conducted on the draft update. Copies of the draft will be placed at each county's emergency

management agency office for review by interested persons, and its availability for review will be advertised in the local media.

The Next Planning Cycles

As given in this section, the FCHMPC has established a schedule and procedure for both plan implementation and plan maintenance that is expected to be very helpful in improving and expanding the mitigation planning process. Initially, the planning efforts will seek to build on the analyses and proposals included in this edition of the mitigation plan, primarily by completing more vulnerability assessments, evaluations of plans and programs, and proposing additional mitigation initiatives. During these continuing efforts, the FCHMPC will prioritize their efforts towards focusing on facilities and neighborhoods in known hazard areas, assessing all critical facilities, etc.

In addition to these activities for plan maintenance, the FCHMPC has established recommended schedules for implementation of the proposed priority initiatives included in this edition of the plan. It is expected that the agencies and organizations that sponsored these initiatives for the plan will, during the next planning cycles, take advantage of timely opportunities and available resources to implement them on the desired schedule, if it is possible to do so.

The plan is a dynamic document, reflecting a continuing and expanding planning process. The efforts of the FCHMPC will continue into the future, striving to make all of the jurisdictions of county truly disaster resistant communities.

Summary

The FCHMPC recognizes that it will take a long period of time and implementation of many if not all of the proposed initiatives approved for this plan, to make the county a truly disaster-resistant community. However, the continuing dedication to the safety and welfare of the community shown by the participants in this planning process will make this ambitious goal possible.

Florence County
Hazard Mitigation Plan

Section Six

MITIGATION GOALS AND OBJECTIVES

Introduction

This section of the Florence County Hazard Mitigation Plan describes the goals and objectives established by the FCHMPC, and the completed and anticipated actions for implementation and maintenance of this plan in an ongoing effort to achieve these goals.

Goals and Objectives for the Mitigation Plan

The FCHMPC has established a number of goals and objectives to guide their work in the development of this plan. The goals and objectives help to focus the efforts of the groups in the mitigation planning effort to achieve an end result that matches the unique needs, capabilities and desires of the participating jurisdictions.

The goals and objectives selected for the planning process are those listed in an attachment of this section, in a report entitled "Goals and Objectives". In this planning approach, the goals are established for both the entire planning area and all of the participating jurisdictions. FCHMPC has reviewed the current goals and objectives. The committee feels these goals and objectives reflect the current needs for Florence County. After reviewing the goals from the previous Florence County Hazard Mitigation Plan, the FCHMPC has determined that the goals have not changed.

Using a "Goal-based" Planning Process

The goals established and adopted by the FCHMPC are considered to be broad, general guidance that define the long-term direction of the planning. As indicated in the list of goals and objectives attached to this section, each goal statement has one or more objectives that provide a more specific framework for actions to be taken. The objectives define actions or results that can be placed into measurable and translated into specific assignments for implementation by the associated agencies and organizations.

The objectives selected by the FCHMPC are intended to create a specific framework for guiding the development of proposed mitigation initiatives for incorporation into the plan. Whenever feasible, the planning participants have attempted to associate each proposed mitigation initiative with the objective statement the initiative is intended to achieve. By associating a mitigation initiative with a specific objective, the proposed initiative is also, of course, intended to help achieve the broader goal statement to which the objective corresponds. Proposing mitigation initiatives that are consistent with the selected objectives is a principal mechanism for the participants to achieve the stated goals of the mitigation planning program.

As the plan is reviewed and updated by the FCHMPC, the goals and objectives are also reviewed to ensure they are still applicable to meeting the unique needs, interests and desires of the community.

Addressing Known Risks and Vulnerabilities

In addition to developing proposed mitigation initiatives to achieve the established goals and objectives, an important emphasis of the FCHMPC is to also include proposed mitigation initiatives in this plan that will address known vulnerabilities of important facilities and neighborhoods to the impacts of future disasters. Basically, because the goals and objectives have been established to make the communities of the planning area more “disaster resistant” by reducing known vulnerabilities to future disasters, it is important in the plan to document those initiatives that are intended to address identified vulnerabilities of facilities, systems and neighborhoods, as well as to strengthen the mitigation-related policy framework of the participating jurisdictions.

Mitigation Planning for Critical Facilities

Another indication of this approach to goal-based mitigation planning in the county is that critical facilities in the participating jurisdictions have been identified and, when applicable, their vulnerabilities to future disasters assessed, as explained in Section 6. To date, a number of mitigation initiatives have been proposed that are intended to benefit these designated critical facilities.

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Goals and Objectives for the Local Mitigation Planning

OBJECTIVE	GOAL	
GOAL 1	Local government will have the capability to develop, implement and maintain effective mitigation programs.	Unchanged
Objective 1	Data and information needed for defining hazards, risk areas and vulnerabilities in the community will be obtained.	Unchanged
Objective 2	The capability to effectively utilize available data and information related to mitigation planning and program development will be available.	Unchanged
Objective 3	The effectiveness of mitigation initiatives implemented in the community will be measured and documented.	Unchanged
Objective 4	There will be a program to derive mitigation "lessons learned" from each significant disaster event occurring in or near the community.	Unchanged
Objective 5	Up to date technical skills in mitigation planning and programming will be available for the community.	Unchanged
GOAL 2	All sectors of the community will work together to create a disaster resistant community by the year 2020.	Unchanged
Objective 1	A business continuity and recovery program will be established and implemented in the community.	Unchanged
Objective 2	Local agencies and organizations will establish specific interagency agreements for the development and implementation of mitigation related projects and programs	Unchanged
Objective 3	Local elected governing bodies will promulgate the local mitigation plan and support community mitigation programming.	Unchanged
Objective 4	Outreach programs to gain participation in mitigation programs by business, industry, institutions and community groups will be developed and implemented.	Unchanged
Objective 5	The community will be periodically updated regarding local efforts in mitigation planning and programming.	Unchanged
Objective 6	The community's public and private sector organizations will partner to promote hazard mitigation programming throughout the community.	Unchanged
GOAL 3	The community will have the capability to initiate and sustain emergency response operations during and after a disaster.	Unchanged
Objective 1	Designated evacuation routes will be relocated, retrofitted or modified to remain open before, during and after disaster.	Unchanged
Objective 2	Designated evacuation shelters will be retrofitted or relocated to ensure their operability during and after disaster events.	Unchanged
Objective 3	Emergency services organizations will have the capability to detect emergency situations and promptly initiate emergency response operations.	Unchanged
Objective 4	Local emergency services facilities will be retrofitted or relocated to withstand the structural impacts of disasters.	Unchanged
Objective 5	Response capabilities will be available to protect visitors, special needs	Unchanged

	individuals, and the homeless from a disaster's health and safety impacts.	
Objective 6	Shelters or structures for vehicles and equipment needed for emergency services operation will be retrofitted or relocated to withstand disaster impacts.	Unchanged
Objective 7	Utility and communications systems supporting emergency services operations will be retrofitted or relocated to withstand the impacts of disasters.	Unchanged
Objective 8	Vehicle access routes to key health care facilities will be protected from blockage as a result of a disaster.	Unchanged
GOAL 4	The continuity of local government operations will not be significantly disrupted by disasters.	Unchanged
Objective 1	Buildings and facilities used for the routine operations of government will be retrofitted or relocated to withstand the impacts of disasters.	Unchanged
Objective 2	Community redevelopment plans will be prepared to guide decision-making and resource allocation by local government in the aftermath of a disaster.	Unchanged
Objective 3	Important local government records and documents will be protected from the impacts of disasters.	Unchanged
Objective 4	Plans and programs will be available to assist local government employees in retrofitting or relocating their homes to ensure their availability during a disaster.	Unchanged
Objective 5	Plans will be developed, and resources identified, to facilitate reestablishing local government operations after a disaster.	Unchanged
Objective 6	Redundant equipment, facilities, and/or supplies will be obtained to facilitate reestablishing local government operations after a disaster.	Unchanged
GOAL 5	The health, safety and welfare of the community's residents and visitors will not be threatened by disasters.	Unchanged
Objective 1	Adequate systems for notifying the public at risk and providing emergency instruction during a disaster will be available in all identified hazard areas.	Unchanged
Objective 2	Effective structural measures will be developed to protect residential areas from the physical impacts of disasters.	Unchanged
Objective 3	Facilities in the community posing an extra health or safety risk when damaged or disrupted will be made less vulnerable to the impacts of a disaster.	Unchanged
Objective 4	Public and private medical and health care facilities in the community will be retrofitted or relocated to withstand the impacts of disasters.	Unchanged
Objective 5	Residential structures will be removed or relocated from defined hazard areas.	Unchanged
Objective 6	Residential structures will be retrofitted to withstand the physical impacts of disasters.	Unchanged
Objective 7	Safety devices on transportation networks will not fail because of a disaster.	Unchanged
Objective 8	Structures, facilities and systems serving visitors to the community will be prepared to meet their immediate health and safety needs.	Unchanged
Objective 9	There will be adequate resources, equipment and supplies to meet victims' health and safety needs after a disaster.	Unchanged

GOAL 6	The policies and regulations of local government will support effective hazard mitigation programming throughout the community.	Unchanged
Objective 1	All reconstruction or rehabilitation of local government facilities will incorporate techniques to minimize the physical or operational vulnerability to disasters.	Unchanged
Objective 2	Land use policies, plans and regulations will discourage or prohibit inappropriate location of structures or infrastructure components in areas of higher risk.	Unchanged
Objective 3	Local government will ensure that hazard mitigation needs and programs are given appropriate emphasis in resource allocation and decision-making.	Unchanged
Objective 4	Local governments will establish and enforce building and land development codes that are effective in addressing the hazards threatening the community.	Unchanged
Objective 5	Local governments will protect high hazard natural areas from new or continuing development.	Unchanged
Objective 6	Local jurisdictions will participate fully in the National Flood Insurance Program and the associated Community Rating.	Unchanged
Objective 7	New local government facilities will be located outside of hazard areas and/or will be designed to not be vulnerable to the impacts of such hazards.	Unchanged
Objective 8	Reconstruction and rehabilitation of structures and utilities in the community will incorporate appropriate hazard mitigation techniques.	Unchanged
Objective 9	Regulations will be established and enforced to ensure that public and private property maintenance is consistent with minimizing vulnerabilities to disaster.	Unchanged
GOAL 7	Residents of the community will have homes, institutions and places of employment that are not vulnerable to disasters.	Unchanged
Objective 1	Economic incentive programs for the general public, businesses and industry to implement structural and non-structural mitigation measures will be established.	Unchanged
Objective 2	Local government will support key employers in the community in the implementation of mitigation measures for their facilities and systems.	Unchanged
Objective 3	Programs for removal, relocation or retrofitting of vulnerable structures and utilities in hazard areas will be established and implemented.	Unchanged
Objective 4	The vulnerability to disasters of schools, libraries, museums, and other institutions important to the daily lives of the community will be minimized.	Unchanged
GOAL 8	The economic vitality of the community will not be threatened by a disaster.	Unchanged
Objective 1	Components of the infrastructure needed by the community's businesses and industries will be protected from the impacts of disaster.	Unchanged
Objective 2	Local government emergency response and disaster recovery plans will appropriately consider the needs of key employers in the community.	Unchanged
Objective 3	Local government will encourage community businesses and industries to make their facilities and operations disaster.	Unchanged

Objective 4	Local government will establish programs, facilities and resources to support business resumption activities by impacted local businesses and industry.	Unchanged
Objective 5	Local government will implement programs to address public perceptions of community condition and functioning in the aftermath of a disaster.	Unchanged
Objective 6	Local government will strive to diversify the employment base of the community.	Unchanged
GOAL 9	The availability and functioning of the community's infrastructure will not be significantly disrupted by a disaster here.	Unchanged
Objective 1	Local governments will encourage hazard mitigation programming by private sector organizations owning or operating key community utilities.	Unchanged
Objective 2	Routine maintenance of the community's infrastructure will be done to minimize the potential for system failure because of or during a disaster.	Unchanged
Objective 3	Sources of energy normally used by the community will not be unwarrantedly vulnerable to the impacts of a disaster.	Unchanged
Objective 4	The telecommunications systems and facilities serving the community will not be unwarrantedly vulnerable to the impacts of a disaster.	Unchanged
Objective 5	Transportation facilities and systems serving the community will be constructed and/or retrofitted to minimize the potential for disruption during a disaster.	Unchanged
Objective 6	Water and sewer services in the community will not fail because of a disaster.	Unchanged
GOAL 10	All members of the community will understand the hazards threatening local areas and the techniques to minimize vulnerability to those hazards	Unchanged
Objective 1	All interested individuals will be encouraged to participate in hazard mitigation planning and training activities.	Unchanged
Objective 2	Education programs in risk communication and hazard mitigation will be established and implemented.	Unchanged
Objective 3	Managers of public facilities will be knowledgeable in hazard mitigation techniques and the components of the community's mitigation plan.	Unchanged
Objective 4	Technical training in mitigation planning and programming will be given to appropriate local government employees.	Unchanged
Objective 5	The owners and operators of businesses and industries in the community will be knowledgeable in appropriate hazard mitigation techniques.	Unchanged
Objective 6	The public living or working in defined hazard areas will be aware of that fact, understand their vulnerability and know appropriate mitigation techniques.	Unchanged
Objective 7	The public will have facilitated access to information needed to understand their vulnerability to disasters and effective mitigation techniques.	Unchanged

Florence County
Hazard Mitigation Plan

Section Seven

COMPILATION OF PROPOSED MITIGATION INITIATIVES

This section of the plan contains the compilation of the proposed mitigation initiatives that have been formulated as the result of the planning efforts by the FCHMPC and the planning staff of the FCHMPC. These mitigation initiatives form the fundamental mechanism for the implementation of the local mitigation plan. That is, when the resources and opportunity to do so become available, the sponsoring organization implements an initiative to address the vulnerabilities of the facilities, systems and neighborhoods that have been identified through the mitigation planning process. After each successful implementation of an initiative, the benefited community will become that much more resistant to the impacts of future disasters.

Initiatives Incorporated into the Mitigation Plan

The compilation is given in the tables included in this section of the plan. This list is the complete compendium of proposed, specific mitigation actions and projects being considered to reduce the effects of each hazard addressed by the county planning committees. The first tables are listed by location.

As specified earlier in the plan, each proposed mitigation initiative is subjected to a review and analysis by the FCHMPC. The purpose of this review and analysis is to ensure that an initiative proposed by a participating organization is based on an adequate level of technical analysis, that all needed information about the proposal is presented, that any assumptions utilized are reasonable and logical, that the proposal is consistent with the goals and objectives of the committee, and that it is addressing identified vulnerabilities of the community or shortfalls in the communities' mitigation policy framework. More specifically, the review and analysis process is focused on ensuring the technical validity of the proposal, making a judgment whether the initiative would be technically effective and cost-beneficial, if it is duplicative or in conflict with other proposed initiatives, or if its implementation would have an adverse effect in another jurisdiction. If necessary, the proposal is returned to the sponsoring organization for revision.

When the FCHMPC reaches a favorable judgment regarding the proposal, it is considered adopted for incorporation into the Plan. The FCHMPC can then review the proposal for any other concerns, such as its consistency with other community-based plans, programs and political policies, and if appropriate, formally approve the proposal and its incorporation into the plan. In this way, each mitigation initiative is only incorporated into the plan after satisfactorily undergoing a "peer review" process considering both technical validity and policy compliance.

Priority Ranking for Proposed Mitigation Initiatives

For the Florence County Hazard Mitigation Plan, the FCHMPC members were tasked with establishing a priority for each action. Prioritization of the proposed mitigation actions was based on the following six (6) factors:

- Effect on overall risk to life and property
- Ease of implementation
- Political and community support
- A general economic cost/benefit review
- Funding availability
- Continued compliance with the NFIP (if applicable)

Using these criteria, actions were classified as high, moderate, or low priority by the participating jurisdiction officials. All of the initiatives listed, are as a result of the common process to characterize and prioritize mitigation initiatives that is used by all participants in the planning process. This priority is a long-term characterization value directly associated with each specific initiative based on its own merits at the time it was first proposed by the individual participant. The priority score is intended to serve as a guideline for the FCHMPC regarding the relative desirability of implementation of a specific mitigation initiative in relation to the other proposed initiatives incorporated into the plan. This also provides the estimated cost to implement each initiative, based on the calculations provided by the organization that would be responsible for this action. This cost can be used to assess funding opportunities as they arise to determine which of the higher priority initiatives could be implemented with the amount of financial support likely to be available.

Benefit-to-Cost Ratio

Only a general economic cost/benefit review was considered by the FCHMPC through the process of selecting and prioritizing mitigation actions. Mitigation actions with "high" priority were determined to be the most cost effective and most compatible with the participating jurisdictions' unique needs. A more detailed cost/benefit analysis will be applied to particular projects prior to the application for or obligation of funding, as appropriate. The format for listing the proposed mitigation initiatives included in the plan is given in the report entitled, "Initiatives by Priority" included as an attachment to this section. This report presents all mitigation initiatives by both priority and benefit-to-cost ratio estimated by the FCHMPC. For an initiative to be considered "cost effective," the dollar value of the benefits derived needs to exceed the costs to implement and maintain the initiative. A more sophisticated methodology for calculating a benefit to cost ratio will be necessary at the time of actual implementation, applying to state or federal agencies for funding, or for the design and construction stage of development. The objective of this analysis is to quickly and easily derive a simple annual economic benefit value that will be useful in the mitigation planning process to differentiate among the economic benefit value of different proposals.

Initiatives by Hazard

The second report attached to this section describe the proposed initiatives included in the plan to address the hazards that have been identified as threatening the participating jurisdictions. These reports are entitled "Initiatives by Hazard," and present the mitigation initiatives that have been proposed to address the identified hazards posing the most risk to the county and its jurisdictions. The reports reflect the attention that the participating jurisdictions have given to the highest risk hazards in formulating mitigation initiatives for incorporation into the plan and for implementation when the resources and opportunities to do so become available. This report is also another example of how the planning approach used by the FCHMPC has effectively used the hazard identification and risk estimation process to guide formulation of proposed initiatives.

Table 7-1 describes the key elements of the Mitigation Initiatives

Key Elements of Mitigation Initiatives

Florence County Mitigation Action	Title of Action
Hazard Addressed	Hazard which the action addresses
Goal/Objective Addressed	Goal and objective addressed
Priority(High, Moderate and Low)	In preparing their own individual Mitigation Actions Place, each jurisdiction considered their overall hazard risk and capability to mitigate natural hazards as recorded through the risk and capability assessment process, in addition to meeting the adopted countywide mitigation goals and the unique needs of the unique needs of their community. Prioritizing mitigation actions for each jurisdiction was based on the following five (5) factors: (1) effect on overall risk to life and property; (2) ease of implementation; (3) political and community support; (4) a general economic cost/benefit review; and (5) funding availability. This process is also described on page 8:2, Section 8: Mitigation Strategy.
Lead Agency/Department Responsible	Department responsible for undertaking the action.
Estimated Cost	Anticipated cost of the action.
Potential Funding Source	Local, state or federal sources of funds are noted if applicable.
Implementation Schedule	Date by which the action should be completed.
Implementation Status	Completed, progress, deferment, deleted or no change since the previous plan. If the action is new that will also be noted.
Comments	

Initiatives by Location

City of Florence Initiatives

Florence County Mitigation Action 40	Conduct a hazard vulnerability assessment for all town facilities and sites.
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 1/Objective 1
Priority	High
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$10,000.00
Potential Funding Source	Local and state funds
Implementation Schedule	1 year
Implementation Status	Ongoing
Comments	

Florence County Mitigation Action 50	Retrofit critical facilities as identified for the City of Florence Project Impact Study "Natural Hazard Evaluation of Public Facilities, June 2007"
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 7/Objective 3
Priority	Moderate
Lead Agency/Department Responsible	City of Florence Emergency Management
Estimated Cost	\$250,000.00
Potential Funding Source	Local, state and federal.
Implementation Schedule	3 to 5 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 72	Make provisions for emergency power supply to water and sewer facilities in the event of power failure.
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 4/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Public Works
Estimated Cost	\$100,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 84	The City of Florence continues to participate in the Community Rating System of the National Flood Insurance Program. The current rating is a Class 8; an improved rating would lower flood insurance premiums as well as help to minimize flood risks.
Hazard Addressed	Flooding
Goal/Objective Addressed	Goal 6/Objective 6
Priority	High
Lead Agency/Department Responsible	City of Florence Planning Department
Estimated Cost	\$50,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 190	Involve business in community hazard mitigation planning.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 2/Objective 1
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local Funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 191	Retrofit local and state government facilities with storm shutters, laminated or impact-resistant glass, anchor bolts, hurricane straps and clips.
Hazard Addressed	Hurricane
Goal/Objective Addressed	Goal 4/Objective 1
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$500,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	2 to 5 years
Implementation Status	New
Comments	

Florence County Mitigation Action 192	Ensure individuals are aware of earthquake potential and review their homeowners or renters insurance policy to ensure they have coverage for earthquake damage.
Hazard Addressed	Earthquake
Goal/Objective Addressed	Goal 10/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$10,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	1 to 3 years
Implementation Status	New
Comments	

Florence County Mitigation Action 207	Maintain compliance with the NFIP.
Hazard Addressed	Flooding
Goal/Objective Addressed	Goal 6/Objective 6
Priority(High, Moderate and Low)	High
Lead Agency/Department Responsible	Emergency Management and Planning
Estimated Cost	Unknown
Potential Funding Source	Local, State and Federal
Implementation Schedule	Yearly
Implementation Status	On Going
Comments	

DRAFT

City of Lake City Initiatives

Florence County Mitigation Action 3	Develop a reduced water usage plan for continuing operations of city facilities and services during a drought.
Hazard Addressed	Drought
Goal/Objective Addressed	Goal 9/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Public Works and utilities
Estimated Cost	Unknown
Potential Funding Source	Local funds
Implementation Schedule	3-5 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 4	Install safe rooms in city facilities for the protection of city employees and visitors.
Hazard Addressed	Tornado and thunderstorms and lightning
Goal/Objective Addressed	Goal 7/Objective 3
Priority	Moderate
Lead Agency/Department Responsible	City of Lake City
Estimated Cost	Unknown
Potential Funding Source	Local funds
Implementation Schedule	Unknown
Implementation Status	No change
Comments	

Florence County Mitigation Action 8	Alter/remove previously damaged structures or components of city facilities to avoid future damage.
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 5/Objective 3
Priority	Moderate
Lead Agency/Department Responsible	City of Lake City
Estimated Cost	\$100,000.00
Potential Funding Source	Unknown
Implementation Schedule	Unknown
Implementation Status	Ongoing
Comments	

Florence County Mitigation Action 12	Purchase an alternate communication system to prevent major disruptions to normal city operations until communications are restored following a disaster event.
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 4/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	City of Lake City
Estimated Cost	\$5,000.00
Potential Funding Source	Local and state funds.
Implementation Schedule	2 to 3 years.
Implementation Status	No change
Comments	

Florence County Mitigation Action 15	Develop plan for city operations at alternate location(s) until access restored to city facilities.
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 4/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	City of Lake City and Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local funds
Implementation Schedule	Unknown
Implementation Status	No change
Comments	

Florence County Mitigation Action 18	Construct an alternate/redundant access route to town facilities to allow operational capabilities when the primary access route becomes blocked.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 4/Objective 6
Priority	Low
Lead Agency/Department Responsible	City of Lake City
Estimated Cost	\$10,000.00
Potential Funding Source	Local funds
Implementation Schedule	Unknown
Implementation Status	No change
Comments	

Florence County Mitigation Action 20	Negotiate mutual aid agreements/contracts for substitute services to agriculture.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 2/Objective 2
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	Unknown
Potential Funding Source	Unknown
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 21	Identify alternative markets for use of salvage or damaged crops.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 8/Objective 4
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local, state and federal.
Implementation Schedule	3 to 5 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 22	Plan for the rapid condemnation of contaminated food and animal feed products.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 1/Objective 2
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management and Environmental Services
Estimated Cost	\$10,000.00
Potential Funding Source	Local and state
Implementation Schedule	3 to 5 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 23	Develop approaches to rapid financial compensation of farmers impacted by disaster events.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 5/Objective 9
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local and state
Implementation Schedule	3 to 5 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 38	Conduct a hazard vulnerability assessment for all town facilities and sites.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 1/Objective 1
Priority	High
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local and state funds
Implementation Schedule	1 year
Implementation Status	New
Comments	

Florence County Mitigation Action 44	Conduct a detailed engineering study of historical structures and sites to define vulnerabilities.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 7/Objective 3
Priority	Low
Lead Agency/Department Responsible	Emergency Management and Planning Department
Estimated Cost	\$25,000.00
Potential Funding Source	Local funds
Implementation Schedule	3 to 5 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 45	Ground all electrically-operated equipment at all city facilities.
Hazard Addressed	Lightning
Goal/Objective Addressed	Goal 3/Objective 4
Priority	Moderate
Lead Agency/Department Responsible	Public Works and Lake City
Estimated Cost	\$5,000.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 47	Develop plans for prompt, careful restoration of disaster-caused damages to historical structures and sites.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 7/Objective 3
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local, state and federal.
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 52	Develop and implement contracts and agreements with backup suppliers for emergency delivery of critical materials and supplies.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 4/Objective 5
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management and Procurement
Estimated Cost	\$5,000.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 53	Develop a community wide plan to assist businesses to recover after an event.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 2/Objective 1
Priority	High
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local funds
Implementation Schedule	2 to 4 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 54	Involve business in community hazard mitigation planning.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 2/Objective 1
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local Funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 81	Develop plans to provide temporary pre-event protection for historical structures/contents.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 7/Objective 3
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management and Public Works
Estimated Cost	\$5,000.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 86	Insure city facilities and/or contents under the National Flood Insurance Program.
Hazard Addressed	Flooding
Goal/Objective Addressed	Goal 6/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management and Planning Department
Estimated Cost	\$10,000.00
Potential Funding Source	Local, state and federal funds.
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 87	Redesign/reconstruction for less wind resistance; stronger roof covering; strengthen sheathing; install hurricane clips/straps; reduce length of unsupported roof spans; and other roof strengthening techniques as needed for City facilities.
Hazard Addressed	Hurricanes
Goal/Objective Addressed	Goal 4/Objective 1
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management and Public Works
Estimated Cost	\$100,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	2 to 5 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 89	Educate community on structure/component vulnerability and actions taken.
Hazard Addressed	Flooding
Goal/Objective Addressed	Goal 10/Objective 6
Priority	High
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 90	Develop a post-flood clean up, decontamination and recovery plan/procedure.
Hazard Addressed	Flooding
Goal/Objective Addressed	Goal 4/Objective 5
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 92	Promote employee actions for flood protection of their homes and property.
Hazard Addressed	Flooding
Goal/Objective Addressed	Goal 4/Objective 4
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$2,500.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 93	Inform employees of flood risks for city facilities and sites, and train employees in flood plans/procedures for the protection of city facilities.
Hazard Addressed	Flooding
Goal/Objective Addressed	Goal 10/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$20,000.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 95	Conduct engineering plan of city structures to determine vulnerability to flooding.
Hazard Addressed	Flooding
Goal/Objective Addressed	Goal 7/Objective 3
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management and Planning Department
Estimated Cost	\$10,000.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 97	Enhance the standing of the jurisdiction in the NFIP Community Rating System to lower flooding insurance premiums.
Hazard Addressed	Flooding
Goal/Objective Addressed	Goal 6/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Planning Department
Estimated Cost	\$10,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 99	Develop/apply criteria to future city buildings, sites, landscaping, etc for wind protection.
Hazard Addressed	Hurricane and tornado
Goal/Objective Addressed	Goal 4/Objective 1
Priority	High
Lead Agency/Department Responsible	Emergency Management and Planning Department
Estimated Cost	\$5,000.00
Potential Funding Source	Local, state and federal
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 101	Train employees in pre-hurricane/storm plans/procedures for facility protection.
Hazard Addressed	Hurricane
Goal/Objective Addressed	Goal 4/Objective 5
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 104	Develop plan/procedure for pre-hurricane preparation of city facilities and systems to include removal/storage of exterior features; installing shutters on wall openings; and bracing large doors.
Hazard Addressed	Hurricane
Goal/Objective Addressed	Goal 4/Objective 5
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 105	Removal of unnecessary/unused outbuildings, sheds, decks, etc.; install tie-downs for portable outbuildings, sheds, etc.; strengthen/brace/anchor external features, e.g. decks, etc.
Hazard Addressed	Hurricane
Goal/Objective Addressed	Goal 4/Objective 1
Priority	High
Lead Agency/Department Responsible	Public Works
Estimated Cost	\$5,000.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 108	Redesign/reconstruct smaller wall openings; install permanent storm shutters on windows and doors; make temporary storm shutters and install placement fixtures; install laminated glass in windows/doors; install bracing for larger doors, e.g., garage doors.
Hazard Addressed	Hurricane
Goal/Objective Addressed	Goal 4/Objective 1
Priority	Moderate
Lead Agency/Department Responsible	Public Works
Estimated Cost	\$50,000.00
Potential Funding Source	Local and state funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 109	Determine/confirm the elevation of city structures and sites, and or flood height.
Hazard Addressed	Flooding
Goal/Objective Addressed	Goal 7/Objective 3
Priority	Moderate
Lead Agency/Department Responsible	Planning Department
Estimated Cost	\$5,000.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 111	Install surge protection device(s) on the city facilities electrical systems or electronic devices.
Hazard Addressed	Lightning
Goal/Objective Addressed	Goal 5/Objective 8
Priority	Moderate
Lead Agency/Department Responsible	Public Works
Estimated Cost	\$1,000.00
Potential Funding Source	Local Funds
Implementation Schedule	1 year
Implementation Status	No change
Comments	

Florence County Mitigation Action 117	Install standby electric power for city facilities.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 9/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Public Works
Estimated Cost	\$50,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	2 to 3 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 118	Develop plans or procedures for modification or control of wastewater treatment facilities upon indication or warning that an infection or disease outbreak could occur.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 5/Objective 8
Priority	Moderate
Lead Agency/Department Responsible	Public Works
Estimated Cost	\$5,000.00
Potential Funding Source	Local and state funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 122	Construct improved drainage systems and other projects to modify the environmental conditions on city properties conducive to disease outbreak and/or spread.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 5/Objective 8
Priority	Low
Lead Agency/Department Responsible	Public Works
Estimated Cost	\$250,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 126	Relocate historical structures out of the area likely to be impacted where feasible.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 7/Objective 3
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$100,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	2 to 5 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 129	Develop Community Emergency Response Teams to provide immediate services following a disaster event.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 5/Objective 9
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local and state funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 130	Implement a program of routine vegetation control to reduce wildfire risk in and around city properties and facilities.
Hazard Addressed	Wildfire
Goal/Objective Addressed	Goal 6/Objective 1
Priority	Moderate
Lead Agency/Department Responsible	Public Works
Estimated Cost	\$5,000.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 132	Conduct engineering/hydrologic studies to determine the extent of drought vulnerability of the city.
Hazard Addressed	Drought
Goal/Objective Addressed	Goal 1/Objective 1
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management and Planning Department
Estimated Cost	\$25,000.00
Potential Funding Source	Local, state and federal funds.
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 135	Demolish and replace or relocate city structures subject to damage from high winds.
Hazard Addressed	Hurricane, tornado and Thunderstorms
Goal/Objective Addressed	Goal 4/Objective 1
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management and Public Works
Estimated Cost	\$100,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	2 to 5 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 136	Install or provide high wind warning equipment in all city facilities
Hazard Addressed	Hurricane, tornado and thunderstorms
Goal/Objective Addressed	Goal 5/Objective 1
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$500.00
Potential Funding Source	Local funds
Implementation Schedule	1 year
Implementation Status	No change
Comments	

Florence County Mitigation Action 139	Install standby water well and equip with generator.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 9/Objective 6
Priority	Low
Lead Agency/Department Responsible	Public Works
Estimated Cost	\$500,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 143	Prepare plan/procedure for relocation/restart of city operations after power loss.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 4/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local and state funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 152	Develop a plan for emergency response to the consequences of a terrorist event at city facilities.
Hazard Addressed	Terrorism
Goal/Objective Addressed	Goal 4/Objective 5
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local and state funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 156	Develop an emergency response plan/procedure to use in the event of a hazardous materials release.
Hazard Addressed	Hazardous Materials
Goal/Objective Addressed	Goal 4/Objective 5
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local and state funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 162	Plan for damage assessment and restoration of city services after a lightning strike.
Hazard Addressed	Thunderstorms and lightning
Goal/Objective Addressed	Goal 4/Objective 5
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$500.00
Potential Funding Source	Local funds
Implementation Schedule	1 year
Implementation Status	No change
Comments	

Florence County Mitigation Action 164	Purchase and install fire/smoke alarms and/or sprinkler systems at all city facilities.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 5/Objective 8
Priority	Moderate
Lead Agency/Department Responsible	Public Works
Estimated Cost	\$25,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	2 to 5 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 166	Retrofit city structures for current fire code compliance.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 4/Objective 1
Priority	Low
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$100,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	2 to 5 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 170	Alter existing operational procedures at city facilities as appropriate to reduce fire risk.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 4/Objective 1
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$10,000.00
Potential Funding Source	Local and state funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 170	Ensure adequate/enhanced fire code enforcement at all city facilities and throughout the community.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 9/Objective 2
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$10,000.00
Potential Funding Source	Local and state funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 171	Install and wire city facilities with permanent generators with fuel storage.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 9/Objective 6
Priority	Low
Lead Agency/Department Responsible	Public Works
Estimated Cost	\$100,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	2 to 5 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 173	Provide a separate, uninterruptible monitoring and alarms for hazardous processes at city facilities.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 5/Objective 8
Priority	Moderate
Lead Agency/Department Responsible	Public Works
Estimated Cost	\$10,000.00
Potential Funding Source	Local and state funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 174	Use prior damage experience to city facilities to prohibit similar construction after a disaster event.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 1/Objective 4
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local and state funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 175	Use damage experience to design and implement city employees and community educational/awareness program.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 1/Objective 4
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$10,000.00
Potential Funding Source	Local, state and federal funds.
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 176	Take action on the most likely causes of access blockage for City facilities, including: Elevate roadways or improve drainage for flooding; reconstruct/protect roadway for erosion vulnerability; remove vegetation for mitigation of wildfire and/or wind damage to trees; and strengthen bridges and/or overpasses for flood and/or erosion vulnerability.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 3/Objective 8
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management and Public Works
Estimated Cost	\$50,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	2 to 5 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 208	Maintain compliance with the NFIP.
Hazard Addressed	Flooding
Goal/Objective Addressed	Goal 6/Objective 6
Priority(High, Moderate and Low)	High
Lead Agency/Department Responsible	Emergency Management and Planning
Estimated Cost	Unknown
Potential Funding Source	Local, State and Federal
Implementation Schedule	Yearly
Implementation Status	On-Going
Comments	

Florence County Initiatives

Florence County Mitigation Action 20	Negotiate mutual aid agreements/contracts for substitute services to agriculture.
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 2/Objective 2
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	Unknown
Potential Funding Source	Unknown
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 21	Identify alternative markets for use of salvage or damaged crops.
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 8/Objective 4
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local, state and federal.
Implementation Schedule	3 to 5 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 22	Plan for the rapid condemnation of contaminated food and animal feed products.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 1/Objective 2
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management and Environmental Services
Estimated Cost	\$10,000.00
Potential Funding Source	Local and state
Implementation Schedule	3 to 5 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 23	Develop approaches to rapid financial compensation of farmers impacted by disaster events.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 5/Objective 9
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local and state
Implementation Schedule	3 to 5 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 34	Conduct a hazard vulnerability assessment for all town facilities and sites.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 1/Objective 1
Priority	High
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$10,000.00
Potential Funding Source	Local and state funds
Implementation Schedule	1 year
Implementation Status	Ongoing
Comments	

Florence County Mitigation Action 54	Involve business in community hazard mitigation planning
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 2/Objective 1
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local Funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 57	Develop a plan for emergency response to the consequences of a terrorist event.
Hazard Addressed	Terrorism
Goal/Objective Addressed	Goal 4/Objective 5
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 59	Develop a plan/procedure for employee/community education on potential disaster impacts.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 10/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$2,500.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 60	Relocate critical facilities or system components to a less vulnerable area.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 6/Objective 8
Priority	Low
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$250,000.00
Potential Funding Source	Local, state and federal
Implementation Schedule	3 to 5 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 89	Educate community on structure/component vulnerability and actions taken.
Hazard Addressed	Flooding
Goal/Objective Addressed	Goal 10/Objective 6
Priority	High
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 90	Develop a post-flood clean up, decontamination and recovery plan/procedure.
Hazard Addressed	Flooding
Goal/Objective Addressed	Goal 4/Objective 5
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 178	Buyout and/or acquire homes, businesses and property in the floodplain to prevent future losses.
Hazard Addressed	Flooding
Goal/Objective Addressed	Goal 7/Objective 3
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$500,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	2 to 5 years
Implementation Status	New
Comments	

Florence County Mitigation Action 179	Perform channel improvements. Examples include: Straighten undesirable bend ways; Deepen and widen stream beds to increase size of waterways; Remove brush, trees and other obstructions; etc.
Hazard Addressed	Flooding
Goal/Objective Addressed	Goal 6/Objective 8
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$250,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	2 to 5 years
Implementation Status	New
Comments	

Florence County Mitigation Action 180	Utilize GIS to determine which homes in your community are in the floodplain or at risk to flooding. Alert residents and provide information about how they can mitigate their property and homes.
Hazard Addressed	Flooding
Goal/Objective Addressed	Goal 10/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$20,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	1 to 3 years
Implementation Status	New
Comments	

Florence County Mitigation Action 181	Retrofit local and state government facilities with storm shutters, laminated or impact-resistant glass, anchor bolts, hurricane straps and clips.
Hazard Addressed	Hurricane
Goal/Objective Addressed	Goal 4/Objective 1
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$500,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	2 to 5 years
Implementation Status	New
Comments	

Florence County Mitigation Action 182	Ensure individuals are aware of hurricane potential and review their homeowners or renters insurance policy to ensure they have coverage for wind and/or hurricane damage.
Hazard Addressed	Hurricane
Goal/Objective Addressed	Goal 10/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$10,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	1 to 3 years
Implementation Status	New
Comments	

Florence County Mitigation Action 183	Create a Water Supply Plan for the management of water conservation for rain water catchments and storage.
Hazard Addressed	Drought
Goal/Objective Addressed	Goal 4/Objective 5
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$10,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	1 to 3 years
Implementation Status	New
Comments	

Florence County Mitigation Action 184	Ensure individuals are aware of earthquake potential and review their homeowners or renters insurance policy to ensure they have coverage for earthquake damage.
Hazard Addressed	Earthquake
Goal/Objective Addressed	Goal 10/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$10,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	1 to 3 years
Implementation Status	New
Comments	

Florence County Mitigation Action 185	Retrofit critical facilities to ensure they remain operational post-earthquake, i.e., schools, local governments and corporations.
Hazard Addressed	Earthquake
Goal/Objective Addressed	Goal 4/Objective 2
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$500,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	2 to 5 years
Implementation Status	New
Comments	

Florence County Mitigation Action 186	Ensure citizens are aware of safe landscaping techniques such as using fire-resistant plants and non-flammable design features.
Hazard Addressed	Wildfire
Goal/Objective Addressed	Goal 10/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$10,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	1 to 2 years
Implementation Status	New
Comments	

Florence County Mitigation Action 187	Coordinate with local utility organizations to increase homeowner and community education about potential storm effects and possible mitigation activities.
Hazard Addressed	Severe Winter Weather
Goal/Objective Addressed	Goal 10/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$10,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	1 to 2 years
Implementation Status	New
Comments	

Florence County Mitigation Action 188	Bury electrical lines where possible to resist damage from heavy snow, ice, sleet, and other hazards.
Hazard Addressed	Severe Winter Weather
Goal/Objective Addressed	Goal 2/Objective 4
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	Unknown
Potential Funding Source	Local, state and federal funds
Implementation Schedule	2 to 5 years
Implementation Status	New
Comments	

Florence County Mitigation Action 189	Ensure public and private buildings are designed, when possible, with structural bracing, shutters, laminated glass in window panes, and hail resistant roof shingles or flashing to minimize damage.
Hazard Addressed	Hail
Goal/Objective Addressed	Goal 6/Objective 4
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	Unknown
Potential Funding Source	Local, state and federal funds
Implementation Schedule	2 to 5 years
Implementation Status	New
Comments	

Florence County Mitigation Action 209	Maintain compliance with the NFIP.
Hazard Addressed	Flooding
Goal/Objective Addressed	Goal 6/Objective 6
Priority(High, Moderate and Low)	High
Lead Agency/Department Responsible	Emergency Management and Planning
Estimated Cost	Unknown
Potential Funding Source	Local, State and Federal
Implementation Schedule	Yearly
Implementation Status	On Going
Comments	

Town of Coward Initiatives

Florence County Mitigation Action 1	Establish a plan for activating a "Business Recovery Center" after an event.
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 8/Objective 4
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$2,500
Potential Funding Source	Local funds
Implementation Schedule	3-5 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 9	Construct an alternate/redundant access route to town facilities to allow operational capabilities when the primary access route becomes blocked.
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 4/Objective 6
Priority	Low
Lead Agency/Department Responsible	Town of Coward
Estimated Cost	\$25,000.00
Potential Funding Source	Local funds
Implementation Schedule	Unknown
Implementation Status	No change
Comments	

Florence County Mitigation Action 13	Purchase an alternate communication system to prevent major disruptions to normal city operations until communications are restored following a disaster event.
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 4/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Town of Coward
Estimated Cost	\$5,000.00
Potential Funding Source	Local and state funds.
Implementation Schedule	2 to 3 years.
Implementation Status	No change
Comments	

Florence County Mitigation Action 14	Develop a plan for alternate means for employees to receive information.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 4/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Town of Coward and Emergency Management
Estimated Cost	\$2,500.00
Potential Funding Source	Local and state funds
Implementation Schedule	Unknown
Implementation Status	No change
Comments	

Florence County Mitigation Action 16	Develop plan for city operations at alternate location(s) until access restored to city facilities.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 4/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Town of Coward and Emergency Management
Estimated Cost	\$2,500.00
Potential Funding Source	Local funds
Implementation Schedule	Unknown
Implementation Status	No change
Comments	

Florence County Mitigation Action 19	Protect or relocate essential utility and communications equipment serving town facilities from hailstone damage.
Hazard Addressed	Hail storms
Goal/Objective Addressed	Goal 3/Objective 7
Priority	Low
Lead Agency/Department Responsible	Public works and utilities
Estimated Cost	\$10,000.00
Potential Funding Source	Local, state or federal.
Implementation Schedule	3 to 5 years.
Implementation Status	No change.
Comments	

Florence County Mitigation Action 25	Develop a reduced water usage plan for continuing facility operations during a drought.
Hazard Addressed	Drought
Goal/Objective Addressed	Goal 9/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$10,000.00
Potential Funding Source	Local and state funds
Implementation Schedule	1 to 2 years
Implementation Status	No Change
Comments	

Florence County Mitigation Action 27	Conduct landscaping/vegetation control program at all town facilities to reduce wildfire risk.
Hazard Addressed	Wildfire
Goal/Objective Addressed	Goal 3/Objective 4
Priority	Low
Lead Agency/Department Responsible	Public Works
Estimated Cost	\$10,000.00
Potential Funding Source	Local
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 28	Promote employees taking action to protect their homes and property from flood damage.
Hazard Addressed	Flood
Goal/Objective Addressed	Goal 10/Objective 2
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$2,500.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 29	Develop a plan/procedure for flood damage control for town facilities.
Hazard Addressed	Flood
Goal/Objective Addressed	Goal 1/Objective 2
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$2,500.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 31	Train employees in pre-hurricane/storm plans/procedures for protection of town facilities.
Hazard Addressed	Flood
Goal/Objective Addressed	Goal 6/Objective 1
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$2,500.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 32	Develop plans/procedures for pre-hurricane preparation of town facilities.
Hazard Addressed	Hurricane
Goal/Objective Addressed	Goal 4/Objective 5
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$2,500.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 57	Develop a plan for emergency response to the consequences of a terrorist event.
Hazard Addressed	Terrorism
Goal/Objective Addressed	Goal 4/Objective 5
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 59	Develop a plan/procedure for employee/community education on potential disaster impacts.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 10/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$2,500.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 60	Relocate critical facilities or system components to a less vulnerable area.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 6/Objective 8
Priority	Low
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$250,000.00
Potential Funding Source	Local, state and federal
Implementation Schedule	3 to 5 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 61	Protect computers and telecommunications capabilities against power loss.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 9/Objective 4
Priority	Low
Lead Agency/Department Responsible	Public Works
Estimated Cost	\$5,000.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 64	Install and wire Town facilities with permanent generator with fuel storage. (Alternatives to this initiative include relocating critical operations to another facility equipped with generator, or negotiating contracts for rental of portable generators. Purchase of permanent generators is preferred.)
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 3/Objective 7
Priority	Low
Lead Agency/Department Responsible	Public Works
Estimated Cost	\$80,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 65	Ensure adequate/enhanced fire code enforcement at town facilities.
Hazard Addressed	Wildfire
Goal/Objective Addressed	Goal 9/Objective 2
Priority	Moderate
Lead Agency/Department Responsible	Fire Department and Codes Enforcement
Estimated Cost	\$2,500.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 66	Purchase and install fire/smoke alarm and/or sprinkler system.
Hazard Addressed	Wildfire
Goal/Objective Addressed	Goal 5/Objective 8
Priority	Moderate
Lead Agency/Department Responsible	Fire Department
Estimated Cost	\$10,000.00
Potential Funding Source	Local and state funds.
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 69	Prepare a plan for sheltering/evacuation of town facilities personnel.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 5/Objective 8
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$2,500.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

DRAFT

Town of Johnsonville Initiatives

Florence County Mitigation Action 36	Conduct a hazard vulnerability assessment for all town facilities and sites.
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 1/Objective 1
Priority	High
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local and state funds
Implementation Schedule	1 year
Implementation Status	Ongoing
Comments	

Florence County Mitigation Action 201	Involve business in community hazard mitigation planning.
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 2/Objective 1
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local Funds
Implementation Schedule	1 to 2 years
Implementation Status	New
Comments	

Florence County Mitigation Action 202	Develop a plan/procedure for employee/community education on potential disaster impacts.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 10/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$2,500.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	New
Comments	

Florence County Mitigation Action 203	Retrofit critical facilities to ensure they remain operational post-earthquake, i.e., schools, local governments and corporations.
Hazard Addressed	Earthquake
Goal/Objective Addressed	Goal 4/Objective 2
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$500,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	2 to 5 years
Implementation Status	New
Comments	

Florence County Mitigation Action 210	Maintain compliance with the NFIP
Hazard Addressed	Flooding
Goal/Objective Addressed	Goal 6/Objective 6
Priority(High, Moderate and Low)	High
Lead Agency/Department Responsible	Emergency Management and Planning
Estimated Cost	Unknown
Potential Funding Source	Local, State and Federal
Implementation Schedule	Yearly
Implementation Status	On Going
Comments	

DRAFT

Town of Olanta Initiatives

Florence County Mitigation Action 33	Conduct a hazard vulnerability assessment for all town facilities and sites.
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 1/Objective 1
Priority	High
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local and state funds
Implementation Schedule	1 year
Implementation Status	Ongoing
Comments	

Florence County Mitigation Action 198	Involve business in community hazard mitigation planning.
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 2/Objective 1
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local Funds
Implementation Schedule	1 to 2 years
Implementation Status	New
Comments	

Florence County Mitigation Action 199	Develop a plan/procedure for employee/community education on potential disaster impacts.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 10/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$2,500.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	New
Comments	

Florence County Mitigation Action 200	Retrofit critical facilities to ensure they remain operational post-earthquake, i.e., schools, local governments and corporations.
Hazard Addressed	Earthquake
Goal/Objective Addressed	Goal 4/Objective 2
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$500,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	2 to 5 years
Implementation Status	New
Comments	

DRAFT

Town of Pamplico Initiatives

Florence County Mitigation Action 37	Conduct a hazard vulnerability assessment for all town facilities and sites.
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 1/Objective 1
Priority	High
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local and state funds
Implementation Schedule	1 year
Implementation Status	Ongoing
Comments	

Florence County Mitigation Action 204	Involve business in community hazard mitigation planning.
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 2/Objective 1
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local Funds
Implementation Schedule	1 to 2 years
Implementation Status	New
Comments	

Florence County Mitigation Action 205	Develop a plan/procedure for employee/community education on potential disaster impacts.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 10/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$2,500.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	New
Comments	

Florence County Mitigation Action 206	Retrofit critical facilities to ensure they remain operational post-earthquake, i.e., schools, local governments and corporations.
Hazard Addressed	Earthquake
Goal/Objective Addressed	Goal 4/Objective 2
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$500,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	2 to 5 years
Implementation Status	New
Comments	

Florence County Mitigation Action 211	Maintain compliance with the NFIP.
Hazard Addressed	Flooding
Goal/Objective Addressed	Goal 6/Objective 6
Priority(High, Moderate and Low)	High
Lead Agency/Department Responsible	Emergency Management and Planning
Estimated Cost	Unknown
Potential Funding Source	Local, State and Federal
Implementation Schedule	Yearly
Implementation Status	On Going
Comments	

DRAFT

Town of Quinby Initiatives

Florence County Mitigation Action 38	Conduct a hazard vulnerability assessment for all town facilities and sites.
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 1/Objective 1
Priority	High
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local and state funds
Implementation Schedule	1 year
Implementation Status	Ongoing
Comments	

Florence County Mitigation Action 196	Involve business in community hazard mitigation planning.
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 2/Objective 1
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local Funds
Implementation Schedule	1 to 2 years
Implementation Status	New
Comments	

Florence County Mitigation Action 197	Retrofit critical facilities to ensure they remain operational post-earthquake, i.e., schools, local governments and corporations.
Hazard Addressed	Earthquake
Goal/Objective Addressed	Goal 4/Objective 2
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$500,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	2 to 5 years
Implementation Status	New
Comments	

Florence County Mitigation Action 208	Maintain compliance with the NFIP.
Hazard Addressed	Flooding
Goal/Objective Addressed	Goal 6/Objective 6
Priority(High, Moderate and Low)	High
Lead Agency/Department Responsible	Emergency Management and Planning
Estimated Cost	Unknown
Potential Funding Source	Local, State and Federal
Implementation Schedule	Yearly
Implementation Status	On Going
Comments	

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Town of Scranton Initiatives

Florence County Mitigation Action 2	Harden utility services to town facilities by replacing/burying above-grade utility services and by strengthening utility poles/conductor fixtures.
Hazard Addressed	All hazards except drought.
Goal/Objective Addressed	Goal 3/Objective 7
Priority	High
Lead Agency/Department Responsible	Public Works and utilities
Estimated Cost	Unknown
Potential Funding Source	Unknown
Implementation Schedule	Planning stage
Implementation Status	No change
Comments	

Florence County Mitigation Action 39	Conduct a hazard vulnerability assessment for all town facilities and sites.
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 1/Objective 1
Priority	High
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local and state funds
Implementation Schedule	1 year
Implementation Status	New
Comments	

Florence County Mitigation Action 74	Negotiate contract with alternate water supplier for emergency services.
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 3/Objective 7
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$500.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 75	Install portable generator with wiring for water system and police department operations.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 9/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Public Works
Estimated Cost	\$40,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 76	Maintain the reduced water usage plan (Drought Ordinance) for continuing facility operations during a drought.
Hazard Addressed	Drought
Goal/Objective Addressed	Goal 9/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Town of Scranton
Estimated Cost	Unknown
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 77	Install equipment or modify processes to reduce the water dependency of town facilities.
Hazard Addressed	Drought
Goal/Objective Addressed	Goal 9/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management and Public Works
Estimated Cost	\$1,000.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 80	Redesign/reconstruct smaller wall openings; install permanent storm shutters on windows and doors; install laminated glass in windows/doors; and install bracing for larger doors at town facilities.
Hazard Addressed	All hazards
Goal/Objective Addressed	Goal 4/Objective 1
Priority	Moderate
Lead Agency/Department Responsible	Public Works and Emergency Management
Estimated Cost	\$5,500.00
Potential Funding Source	Local funds
Implementation Schedule	2 to 5 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 85	Protect town facilities from flood damage by improving drainage in proximity to the facilities.
Hazard Addressed	Flooding
Goal/Objective Addressed	Goal 4/Objective 1
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$10,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	1 to 2 years
Implementation Status	No change
Comments	

Florence County Mitigation Action 212	Maintain compliance with the NFIP.
Hazard Addressed	Flooding
Goal/Objective Addressed	Goal 6/Objective 6
Priority(High, Moderate and Low)	High
Lead Agency/Department Responsible	Emergency Management and Planning
Estimated Cost	Unknown
Potential Funding Source	Local, State and Federal
Implementation Schedule	Yearly
Implementation Status	On Going
Comments	

Town of Timmons ville Initiatives

Florence County Mitigation Action 177	Conduct a hazard vulnerability assessment for all town facilities and sites.
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 1/Objective 1
Priority	High
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local and state funds
Implementation Schedule	1 year
Implementation Status	New
Comments	

Florence County Mitigation Action 193	Involve business in community hazard mitigation planning.
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 2/Objective 1
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$5,000.00
Potential Funding Source	Local Funds
Implementation Schedule	1 to 2 years
Implementation Status	New
Comments	

Florence County Mitigation Action 194	Develop a plan/procedure for employee/community education on potential disaster impacts.
Hazard Addressed	Drought, Earthquake, Flooding, Hailstorm, Hurricane, Winter Storm, Tornado, Wildfire, and Severe Thunderstorm & Lightning
Goal/Objective Addressed	Goal 10/Objective 6
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$2,500.00
Potential Funding Source	Local funds
Implementation Schedule	1 to 2 years
Implementation Status	New
Comments	

Florence County Mitigation Action 195	Retrofit critical facilities to ensure they remain operational post-earthquake, i.e., schools, local governments and corporations.
Hazard Addressed	Earthquake
Goal/Objective Addressed	Goal 4/Objective 2
Priority	Moderate
Lead Agency/Department Responsible	Emergency Management
Estimated Cost	\$500,000.00
Potential Funding Source	Local, state and federal funds
Implementation Schedule	2 to 5 years
Implementation Status	New
Comments	

Florence County Mitigation Action 213	Maintain compliance with the NFIP.
Hazard Addressed	Flooding
Goal/Objective Addressed	Goal 6/Objective 6
Priority(High, Moderate and Low)	High
Lead Agency/Department Responsible	Emergency Management and Planning
Estimated Cost	Unknown
Potential Funding Source	Local, State and Federal
Implementation Schedule	Yearly
Implementation Status	On Going
Comments	

Initiatives By Priority

Priority	Initiative	Location
High	Conduct a hazard vulnerability assessment for all town facilities and sites.	Lake City
High	Develop a community wide plan to assist businesses to recover after an event.	Lake City
High	Educate community on structure/component vulnerability and actions taken.	Lake City
High	Develop/apply criteria to future city buildings, sites, landscaping, etc for wind protection.	Lake City
High	Removal of unnecessary/unused outbuildings, sheds, decks, etc.; install tie-downs for portable outbuildings, sheds, etc.; strengthen/brace/anchor external features, e.g. decks, etc.	Lake City
High	Conduct a hazard vulnerability assessment for all town facilities and sites.	City of Florence
High	The City of Florence continues to participate in the Community Rating System of the National Flood Insurance Program. The current rating is a Class 8; an improved rating would lower flood insurance premiums as well as help to minimize flood risks.	City of Florence
High	Conduct a hazard vulnerability assessment for all town facilities and sites.	Florence County
High	Educate community on structure/component vulnerability and actions taken.	Florence County
High	Conduct a hazard vulnerability assessment for all town facilities and sites.	Town of Johnsonville
High	Conduct a hazard vulnerability assessment for all town facilities and sites.	Town of Olanta
High	Retrofit critical facilities to ensure they remain operational post-earthquake, i.e., schools, local governments and corporations.	Town of Pamplico
High	Retrofit critical facilities to ensure they remain operational post-earthquake, i.e., schools, local governments and corporations.	Town of Quinby
High	Conduct a hazard vulnerability assessment for all town facilities and sites.	Town of Timmonsville
High	Harden utility services to town facilities by replacing/burying above-grade utility services and by strengthening utility poles/conductor fixtures.	Town of Scranton
High	Conduct a hazard vulnerability assessment for all town facilities and sites.	Town of Scranton
Moderate	Develop a reduced water usage plan for continuing operations of city facilities and services during a drought.	Lake City
Moderate	Install safe rooms in city facilities for the protection of city employees and visitors.	Lake City

Moderate	Alter/remove previously damaged structures or components of city facilities to avoid future damage.	Lake City
Moderate	Purchase an alternate communication system to prevent major disruptions to normal city operations until communications are restored following a disaster event.	Lake City
Moderate	Develop plan for city operations at alternate location(s) until access restored to city facilities.	Lake City
Moderate	Negotiate mutual aid agreements/contracts for substitute services to agriculture.	Lake City
Moderate	Identify alternative markets for use of salvage or damaged crops.	Lake City
Moderate	Plan for the rapid condemnation of contaminated food and animal feed products.	Lake City
Moderate	Develop approaches to rapid financial compensation of farmers impacted by disaster events.	Lake City
Moderate	Ground all electrically-operated equipment at all city facilities.	Lake City
Moderate	Develop plans for prompt, careful restoration of disaster-caused damages to historical structures and sites.	Lake City
Moderate	Develop and implement contracts and agreements with backup suppliers for emergency delivery of critical materials and supplies.	Lake City
Moderate	Involve business in community hazard mitigation planning.	Lake City
Moderate	Develop plans to provide temporary pre-event protection for historical structures/contents.	Lake City
Moderate	Insure city facilities and/or contents under the National Flood Insurance Program.	Lake City
Moderate	Redesign/reconstruction for less wind resistance; stronger roof covering; strengthen sheathing; install hurricane clips/straps; reduce length of unsupported roof spans; and other roof strengthening techniques as needed for City facilities.	Lake City
Moderate	Develop a post-flood clean up, decontamination and recovery plan/procedure.	Lake City
Moderate	Promote employee actions for flood protection of their homes and property.	Lake City
Moderate	Inform employees of flood risks for city facilities and sites, and train employees in flood plans/procedures for the protection of city facilities.	Lake City
Moderate	Conduct engineering plan of city structures to determine vulnerability to flooding.	Lake City
Moderate	Enhance the standing of the jurisdiction in the NFIP Community Rating System to lower flooding insurance premiums.	Lake City
Moderate	Train employees in pre-hurricane/storm plans/procedures for facility protection.	Lake City
Moderate	Develop plan for pre-hurricane preparation of city facilities and systems to include removal/storage of exterior features; installing shutters on wall openings; and bracing large doors.	Lake City

Moderate	Redesign/reconstruct smaller wall openings; install permanent storm shutters on windows and doors; make temporary storm shutters and install placement fixtures; install laminated glass in windows/doors; install bracing for larger doors, e.g., garage doors.	Lake City
Moderate	Determine/confirm the elevation of city structures and sites, and or flood height.	Lake City
Moderate	Install surge protection device(s) on the city facilities electrical systems or electronic devices.	Lake City
Moderate	Install standby electric power for city facilities.	Lake City
Moderate	Develop plans or procedures for modification or control of wastewater treatment facilities upon indication or warning that an infection or disease outbreak could occur.	Lake City
Moderate	Relocate historical structures out of the area likely to be impacted where feasible.	Lake City
Moderate	Develop Community Emergency Response Teams to provide immediate services following a disaster event.	Lake City
Moderate	Implement a program of routine vegetation control to reduce wildfire risk in and around city properties and facilities.	Lake City
Moderate	Conduct engineering/hydrologic studies to determine the extent of drought vulnerability of the city.	Lake City
Moderate	Demolish and replace or relocate city structures subject to damage from high winds.	Lake City
Moderate	Install or provide high wind warning equipment in all city facilities.	Lake City
Moderate	Prepare plan/procedure for relocation/restart of city operations after power loss.	Lake City
Moderate	Develop a plan for emergency response to the consequences of a terrorist event at city facilities.	Lake City
Moderate	Develop an emergency response plan/procedure to use in the event of a hazardous materials release.	Lake City
Moderate	Plan for damage assessment and restoration of city services after a lightning strike.	Lake City
Moderate	Purchase and install fire/smoke alarms and/or sprinkler systems at all city facilities.	Lake City
Moderate	Alter existing operational procedures at city facilities as appropriate to reduce fire risk.	Lake City
Moderate	Ensure adequate/enhanced fire code enforcement at all city facilities and throughout the community.	Lake City
Moderate	Provide a separate, uninterruptible monitoring and alarms for hazardous processes at city facilities.	Lake City
Moderate	Use prior damage experience to city facilities to prohibit similar construction after a disaster event.	Lake City
Moderate	Use damage experience to design and implement city employees and community educational/awareness program.	Lake City

Moderate	Take action on the most likely causes of access blockage for City facilities, including: Elevate roadways or improve drainage for flooding; reconstruct/protect roadway for erosion vulnerability; remove vegetation for mitigation of wildfire and/or wind damage to trees; and strengthen bridges and/or overpasses for flood and/or erosion vulnerability.	Lake City
Moderate	Retrofit critical facilities as identified for the City of Florence Project Impact study "Natural Hazard Evaluation of Public Facilities, June 2001.	City of Florence
Moderate	Make provisions for emergency power supply to water and sewer facilities in the event of power failure.	City of Florence
Moderate	Involve business in community hazard mitigation planning.	City of Florence
Moderate	Retrofit local and state government facilities with storm shutters, laminated or impact-resistant glass, anchor bolts, hurricane straps and clips.	City of Florence
Moderate	Ensure individuals are aware of earthquake potential and review their homeowners or renters insurance policy to ensure they have coverage for earthquake damage.	City of Florence
Moderate	Negotiate mutual aid agreements/contracts for substitute services to agriculture.	Florence County
Moderate	Identify alternative markets for use of salvage or damaged crops.	Florence County
Moderate	Plan for the rapid condemnation of contaminated food and animal feed products.	Florence County
Moderate	Develop approaches to rapid financial compensation of farmers impacted by disaster events.	Florence County
Moderate	Involve business in community hazard mitigation planning.	Florence County
Moderate	Develop a plan for emergency response to the consequences of a terrorist event.	Florence County
Moderate	Develop a plan/procedure for employee/community education on potential disaster impacts.	Florence County
Moderate	Develop a post-flood clean up, decontamination and recovery plan/procedure.	Florence County
Moderate	Buyout and/or acquire homes, businesses and property in the floodplain to prevent future losses.	Florence County
Moderate	Perform channel improvements. Examples include: Straighten undesirable bend ways; Deepen and widen stream beds to increase size of waterways; Remove brush, trees and other obstructions; etc.	Florence County
Moderate	Utilize GIS to determine which homes in your community are in the floodplain or at risk to flooding. Alert residents and provide information about how they can mitigate their property and homes.	Florence County
Moderate	Retrofit local and state government facilities with storm shutters, laminated or impact-resistant glass, anchor bolts, hurricane straps and clips.	Florence County

Moderate	Ensure individuals are aware of hurricane potential and review their homeowners or renters insurance policy to ensure they have coverage for wind and/or hurricane damage.	Florence County
Moderate	Create a Water Supply Plan for the management of water conservation for rain water catchments and storage.	Florence County
Moderate	Ensure individuals are aware of earthquake potential and review their homeowners or renters insurance policy to ensure they have coverage for earthquake damage.	Florence County
Moderate	Retrofit critical facilities to ensure they remain operational post-earthquake, i.e., schools, local governments and corporations.	Florence County
Moderate	Ensure citizens are aware of safe landscaping techniques such as using fire-resistant plants and non-flammable design features.	Florence County
Moderate	Coordinate with local utility organizations to increase homeowner and community education about potential storm effects and possible mitigation activities.	Florence County
Moderate	Bury electrical lines where possible to resist damage from heavy snow, ice, sleet, and other hazards.	Florence County
Moderate	Ensure public and private buildings are designed, when possible, with structural bracing, shutters, laminated glass in window panes, and hail resistant roof shingles or flashing to minimize damage.	Florence County
Moderate	Establish a plan for activating a "Business Recovery Center" after an event.	Town of Coward
Moderate	Purchase an alternate communication system to prevent major disruptions to normal city operations until communications are restored following a disaster event.	Town of Coward
Moderate	Develop a plan for alternate means for employees to receive information.	Town of Coward
Moderate	Develop plan for city operations at alternate location(s) until access restored to city facilities.	Town of Coward
Moderate	Develop a reduced water usage plan for continuing facility operations during a drought.	Town of Coward
Moderate	Promote employees taking action to protect their homes and property from flood damage.	Town of Coward
Moderate	Develop a plan/procedure for flood damage control for town facilities.	Town of Coward
Moderate	Train employees in pre-hurricane/storm plans/procedures for protection of town facilities.	Town of Coward
Moderate	Develop plans/procedures for pre-hurricane preparation of town facilities.	Town of Coward
Moderate	Develop a plan for emergency response to the consequences of a terrorist event.	Town of Coward
Moderate	Develop a plan/procedure for employee/community education on potential disaster impacts.	Town of Coward
Moderate	Ensure adequate/enhanced fire code enforcement at town facilities.	Town of Coward

Moderate	Purchase and install fire/smoke alarm and/or sprinkler system.	Town of Coward
Moderate	Prepare a plan for sheltering/evacuation of town facilities personnel.	Town of Coward
Moderate	Involve business in community hazard mitigation planning.	Town of Johnsonville
Moderate	Develop a plan/procedure for employee/community education on potential disaster impacts.	Town of Johnsonville
Moderate	Retrofit critical facilities to ensure they remain operational post-earthquake, i.e., schools, local governments and corporations.	Town of Johnsonville
Moderate	Involve business in community hazard mitigation planning.	Town of Olanta
Moderate	Develop a plan/procedure for employee/community education on potential disaster impacts.	Town of Olanta
Moderate	Retrofit critical facilities to ensure they remain operational post-earthquake, i.e., schools, local governments and corporations.	Town of Olanta
Moderate	Involve business in community hazard mitigation planning.	Town of Pamplico
Moderate	Develop a plan/procedure for employee/community education on potential disaster impacts.	Town of Pamplico
Moderate	Conduct a hazard vulnerability assessment for all town facilities and sites.	Town of Pamplico
Moderate	Involve business in community hazard mitigation planning.	Town of Quinby
Moderate	Conduct a hazard vulnerability assessment for all town facilities and sites.	Town of Quinby
Moderate	Involve business in community hazard mitigation planning.	Town of Timmonsville
Moderate	Develop a plan/procedure for employee/community education on potential disaster impacts.	Town of Timmonsville
Moderate	Retrofit critical facilities to ensure they remain operational post-earthquake, i.e., schools, local governments and corporations.	Town of Timmonsville
Moderate	Negotiate contract with alternate water supplier for emergency services.	Town of Scranton
Moderate	Install portable generator with wiring for water system and police department operations.	Town of Scranton
Moderate	Maintain the reduced water usage plan (Drought Ordinance) for continuing facility operations during a drought.	Town of Scranton
Moderate	Install equipment or modify processes to reduce the water dependency of town facilities.	Town of Scranton
Moderate	Redesign/reconstruct smaller wall openings; install permanent storm shutters on windows and doors; install laminated glass in windows/doors; and install bracing for larger doors at town facilities.	Town of Scranton
Moderate	Protect town facilities from flood damage by improving drainage in proximity to the facilities.	Town of Scranton

Low	Construct an alternate/redundant access route to town facilities to allow operational capabilities when the primary access route becomes blocked.	Lake City
Low	Conduct a detailed engineering study of historical structures and sites to define vulnerabilities.	Lake City
Low	Construct improved drainage systems and other projects to modify the environmental conditions on city properties conducive to disease outbreak and/or spread.	Lake City
Low	Install standby water well and equip with generator.	Lake City
Low	Retrofit city structures for current fire code compliance.	Lake City
Low	Install and wire city facilities with permanent generators with fuel storage.	Lake City
Low	Relocate critical facilities or system components to a less vulnerable area.	Florence County
Low	Construct an alternate/redundant access route to town facilities to allow operational capabilities when the primary access route becomes blocked.	Town of Coward
Low	Protect or relocate essential utility and communications equipment serving town facilities from hailstone damage.	Town of Coward
Low	Conduct landscaping/vegetation control program at all town facilities to reduce wildfire risk.	Town of Coward
Low	Relocate critical facilities or system components to a less vulnerable area.	Town of Coward
Low	Protect computers and telecommunications capabilities against power loss.	Town of Coward
Low	Install and wire Town facilities with permanent generator with fuel storage. (Alternatives to this initiative include relocating critical operations to another facility equipped with generator, or negotiating contracts for rental of portable generators. Purchase of permanent generats is preferred.)	Town of Coward

Initiatives By Hazard

Hazard	Initiative	Location
All Hazards	Conduct a hazard vulnerability assessment for all town facilities and sites.	City of Florence
All Hazards	Retrofit critical facilities as identified for the City of Florence Project Impact study "Natural Hazard Evaluation of Public Facilities, June 2001.	City of Florence
All Hazards	Make provisions for emergency power supply to water and sewer facilities in the event of power failure.	City of Florence
All Hazards	Involve business in community hazard mitigation planning.	City of Florence
All Hazards	Conduct a hazard vulnerability assessment for all town facilities and sites.	Florence County
All Hazards	Negotiate mutual aid agreements/contracts for substitute services to agriculture.	Florence County
All Hazards	Identify alternative markets for use of salvage or damaged crops.	Florence County
All Hazards	Plan for the rapid condemnation of contaminated food and animal feed products.	Florence County
All Hazards	Develop approaches to rapid financial compensation of farmers impacted by disaster events.	Florence County
All Hazards	Involve business in community hazard mitigation planning.	Florence County
All Hazards	Develop a plan/procedure for employee/community education on potential disaster impacts.	Florence County
All Hazards	Relocate critical facilities or system components to a less vulnerable area.	Florence County
All Hazards	Conduct a hazard vulnerability assessment for all town facilities and sites.	Lake City
All Hazards	Develop a community wide plan to assist businesses to recover after an event.	Lake City
All Hazards	Alter/remove previously damaged structures or components of city facilities to avoid future damage.	Lake City
All Hazards	Purchase an alternate communication system to prevent major disruptions to normal city operations until communications are restored following a disaster event.	Lake City
All Hazards	Develop plan for city operations at alternate location(s) until access restored to city facilities.	Lake City
All Hazards	Negotiate mutual aid agreements/contracts for substitute services to agriculture.	Lake City
All Hazards	Identify alternative markets for use of salvage or damaged crops.	Lake City
All Hazards	Plan for the rapid condemnation of contaminated food and animal feed products.	Lake City
All Hazards	Develop approaches to rapid financial compensation of farmers impacted by disaster events.	Lake City

All Hazards	Develop plans for prompt, careful restoration of disaster-caused damages to historical structures and sites.	Lake City
All Hazards	Develop and implement contracts and agreements with backup suppliers for emergency delivery of critical materials and supplies.	Lake City
All Hazards	Involve business in community hazard mitigation planning.	Lake City
All Hazards	Develop plans to provide temporary pre-event protection for historical structures/contents.	Lake City
All Hazards	Install standby electric power for city facilities.	Lake City
All Hazards	Develop plans or procedures for modification or control of wastewater treatment facilities upon indication or warning that an infection or disease outbreak could occur.	Lake City
All Hazards	Relocate historical structures out of the area likely to be impacted where feasible.	Lake City
All Hazards	Develop Community Emergency Response Teams to provide immediate services following a disaster event.	Lake City
All Hazards	Prepare plan/procedure for relocation/restart of city operations after power loss.	Lake City
All Hazards	Purchase and install fire/smoke alarms and/or sprinkler systems at all city facilities.	Lake City
All Hazards	Alter existing operational procedures at city facilities as appropriate to reduce fire risk.	Lake City
All Hazards	Ensure adequate/enhanced fire code enforcement at all city facilities and throughout the community.	Lake City
All Hazards	Use prior damage experience to city facilities to prohibit similar construction after a disaster event.	Lake City
All Hazards	Use damage experience to design and implement city employees and community educational/awareness program.	Lake City
All Hazards	Construct an alternate/redundant access route to town facilities to allow operational capabilities when the primary access route becomes blocked.	Lake City
All Hazards	Conduct a detailed engineering study of historical structures and sites to define vulnerabilities.	Lake City
All Hazards	Construct improved drainage systems and other projects to modify the environmental conditions on city properties conducive to disease outbreak and/or spread.	Lake City
All Hazards	Retrofit city structures for current fire code compliance.	Lake City
All Hazards	Install and wire city facilities with permanent generators with fuel storage.	Lake City
All Hazards	Establish a plan for activating a "Business Recovery Center" after an event.	Town of Coward
All Hazards	Purchase an alternate communication system to prevent major disruptions to normal city operations until communications are restored following a disaster event.	Town of Coward

All Hazards	Develop a plan for alternate means for employees to receive information.	Town of Coward
All Hazards	Develop plan for city operations at alternate location(s) until access restored to city facilities.	Town of Coward
All Hazards	Develop a plan/procedure for employee/community education on potential disaster impacts.	Town of Coward
All Hazards	Ensure adequate/enhanced fire code enforcement at town facilities.	Town of Coward
All Hazards	Purchase and install fire/smoke alarm and/or sprinkler system.	Town of Coward
All Hazards	Prepare a plan for sheltering/evacuation of town facilities personnel.	Town of Coward
All Hazards	Construct an alternate/redundant access route to town facilities to allow operational capabilities when the primary access route becomes blocked.	Town of Coward
All Hazards	Relocate critical facilities or system components to a less vulnerable area.	Town of Coward
All Hazards	Protect computers and telecommunications capabilities against power loss.	Town of Coward
All Hazards	Install and wire Town facilities with permanent generator with fuel storage. (Alternatives to this initiative include relocating critical operations to another facility equipped with generator, or negotiating contracts for rental of portable generators. Purchase of permanent generator is preferred.)	Town of Coward
All Hazards	Conduct a hazard vulnerability assessment for all town facilities and sites.	Town of Johnsonville
All Hazards	Involve business in community hazard mitigation planning.	Town of Johnsonville
All Hazards	Develop a plan/procedure for employee/community education on potential disaster impacts.	Town of Johnsonville
All Hazards	Conduct a hazard vulnerability assessment for all town facilities and sites.	Town of Olanta
All Hazards	Involve business in community hazard mitigation planning.	Town of Olanta
All Hazards	Develop a plan/procedure for employee/community education on potential disaster impacts.	Town of Olanta
All Hazards	Involve business in community hazard mitigation planning.	Town of Pamplico
All Hazards	Develop a plan/procedure for employee/community education on potential disaster impacts.	Town of Pamplico
All Hazards	Conduct a hazard vulnerability assessment for all town facilities and sites.	Town of Pamplico
All Hazards	Involve business in community hazard mitigation planning.	Town of Quinby
All Hazards	Conduct a hazard vulnerability assessment for all town facilities and sites.	Town of Quinby

All Hazards	Harden utility services to town facilities by replacing/burying above-grade utility services and by strengthening utility poles/conductor fixtures.	Town of Scranton
All Hazards	Conduct a hazard vulnerability assessment for all town facilities and sites.	Town of Scranton
All Hazards	Negotiate contract with alternate water supplier for emergency services.	Town of Scranton
All Hazards	Install portable generator with wiring for water system and police department operations.	Town of Scranton
All Hazards	Redesign/reconstruct smaller wall openings; install permanent storm shutters on windows and doors; install laminated glass in windows/doors; and install bracing for larger doors at town facilities.	Town of Scranton
All Hazards	Conduct a hazard vulnerability assessment for all town facilities and sites.	Town of Timmonsville
All Hazards	Involve business in community hazard mitigation planning.	Town of Timmonsville
All Hazards	Develop a plan/procedure for employee/community education on potential disaster impacts.	Town of Timmonsville
Drought	Create a Water Supply Plan for the management of water conservation for rain water catchments and storage.	Florence County
Drought	Develop a reduced water usage plan for continuing operations of city facilities and services during a drought.	Lake City
Drought	Conduct engineering/hydrologic studies to determine the extent of drought vulnerability of the city.	Lake City
Drought	Install standby water well and equip with generator.	Lake City
Drought	Develop a reduced water usage plan for continuing facility operations during a drought.	Town of Coward
Drought	Maintain the reduced water usage plan (Drought Ordinance) for continuing facility operations during a drought.	Town of Scranton
Drought	Install equipment or modify processes to reduce the water dependency of town facilities.	Town of Scranton
Earthquake	Ensure individuals are aware of earthquake potential and review their homeowners or renters insurance policy to ensure they have coverage for earthquake damage.	City of Florence
Earthquake	Ensure individuals are aware of earthquake potential and review their homeowners or renters insurance policy to ensure they have coverage for earthquake damage.	Florence County
Earthquake	Retrofit critical facilities to ensure they remain operational post-earthquake, i.e., schools, local governments and corporations.	Florence County
Earthquake	Retrofit critical facilities to ensure they remain operational post-earthquake, i.e., schools, local governments and corporations.	Town of Johnsonville
Earthquake	Retrofit critical facilities to ensure they remain operational post-earthquake, i.e., schools, local governments and corporations.	Town of Olanta

Earthquake	Retrofit critical facilities to ensure they remain operational post-earthquake, i.e., schools, local governments and corporations.	Town of Pamplico
Earthquake	Retrofit critical facilities to ensure they remain operational post-earthquake, i.e., schools, local governments and corporations.	Town of Quinby
Earthquake	Retrofit critical facilities to ensure they remain operational post-earthquake, i.e., schools, local governments and corporations.	Town of Timmonsville
Flooding	The City of Florence continues to participate in the Community Rating System of the National Flood Insurance Program. The current rating is a Class 8; an improved rating would lower flood insurance premiums as well as help to minimize flood risks.	City of Florence
Flooding	Educate community on structure/component vulnerability and actions taken.	Florence County
Flooding	Develop a post-flood clean up, decontamination and recovery plan/procedure.	Florence County
Flooding	Buyout and/or acquire homes, businesses and property in the floodplain to prevent future losses.	Florence County
Flooding	Perform channel improvements. Examples include: Straighten undesirable bend ways; Deepen and widen stream beds to increase size of waterways; Remove brush, trees and other obstructions; etc.	Florence County
Flooding	Utilize GIS to determine which homes in your community are in the floodplain or at risk to flooding. Alert residents and provide information about how they can mitigate their property and homes.	Florence County
Flooding	Educate community on structure/component vulnerability and actions taken.	Lake City
Flooding	Insure city facilities and/or contents under the National Flood Insurance Program.	Lake City
Flooding	Develop a post-flood clean up, decontamination and recovery plan/procedure.	Lake City
Flooding	Promote employee actions for flood protection of their homes and property.	Lake City
Flooding	Inform employees of flood risks for city facilities and sites, and train employees in flood plans/procedures for the protection of city facilities.	Lake City
Flooding	Conduct engineering plan of city structures to determine vulnerability to flooding.	Lake City
Flooding	Enhance the standing of the jurisdiction in the NFIP Community Rating System to lower flooding insurance premiums.	Lake City
Flooding	Determine/confirm the elevation of city structures and sites, and or flood height.	Lake City

Flooding	Take action on the most likely causes of access blockage for City facilities, including: Elevate roadways or improve drainage for flooding; reconstruct/protect roadway for erosion vulnerability; remove vegetation for mitigation of wildfire and/or wind damage to trees; and strengthen bridges and/or overpasses for flood and/or erosion vulnerability.	Lake City
Flooding	Promote employees taking action to protect their homes and property from flood damage.	Town of Coward
Flooding	Develop a plan/procedure for flood damage control for town facilities.	Town of Coward
Flooding	Protect town facilities from flood damage by improving drainage in proximity to the facilities.	Town of Scranton
Hail	Ensure public and private buildings are designed, when possible, with structural bracing, shutters, laminated glass in window panes, and hail resistant roof shingles or flashing to minimize damage.	Florence County
Hail	Protect or relocate essential utility and communications equipment serving town facilities from hailstone damage.	Town of Coward
Hazardous Materials	Develop an emergency response plan/procedure to use in the event of a hazardous materials release.	Lake City
Hazardous Materials	Provide a separate, uninterruptible monitoring and alarms for hazardous processes at city facilities.	Lake City
Hurricane	Retrofit local and state government facilities with storm shutters, laminated or impact-resistant glass, anchor bolts, hurricane straps and clips.	City of Florence
Hurricane	Retrofit local and state government facilities with storm shutters, laminated or impact-resistant glass, anchor bolts, hurricane straps and clips.	Florence County
Hurricane	Ensure individuals are aware of hurricane potential and review their homeowners or renters insurance policy to ensure they have coverage for wind and/or hurricane damage.	Florence County
Hurricane	Removal of unnecessary/unused outbuildings, sheds, decks, etc.; install tie-downs for portable outbuildings, sheds, etc.; strengthen/brace/anchor external features, e.g. decks, etc.	Lake City
Hurricane	Train employees in pre-hurricane/storm plans/procedures for facility protection.	Lake City
Hurricane	Develop plan/procedure for pre-hurricane preparation of city facilities and systems to include removal/storage of exterior features; installing shutters on wall openings; and bracing large doors.	Lake City
Hurricane	Redesign/reconstruct smaller wall openings; install permanent storm shutters on windows and doors; make temporary storm shutters and install placement fixtures; install laminated glass in windows/doors; install bracing for larger doors, e.g., garage doors.	Lake City

Hurricane	Train employees in pre-hurricane/storm plans/procedures for protection of town facilities.	Town of Coward
Hurricane	Develop plans/procedures for pre-hurricane preparation of town facilities.	Town of Coward
Hurricane Tornado	Develop/apply criteria to future city buildings, sites, landscaping, etc for wind protection.	Lake City
Hurricane Tornado	Demolish and replace or relocate city structures subject to damage from high winds.	Lake City
Hurricanes	Redesign/reconstruction for less wind resistance; stronger roof covering; strengthen sheathing; install hurricane clips/straps; reduce length of unsupported roof spans; and other roof strengthening techniques as needed for City facilities.	Lake City
Lightning	Ground all electrically-operated equipment at all city facilities.	Lake City
Lightning	Install surge protection device(s) on the city facilities electrical systems or electronic devices.	Lake City
Lightning	Plan for damage assessment and restoration of city services after a lightning strike.	Lake City
Terrorism	Develop a plan for emergency response to the consequences of a terrorist event.	Florence County
Terrorism	Develop a plan for emergency response to the consequences of a terrorist event at city facilities.	Lake City
Terrorism	Develop a plan for emergency response to the consequences of a terrorist event.	Town of Coward
Tornado Thunderstorms	Install safe rooms in city facilities for the protection of city employees and visitors.	Lake City
Tornado Thunderstorms	Install or provide high wind warning equipment in all city facilities.	Lake City
Wildfires	Ensure citizens are aware of safe landscaping techniques such as using fire-resistant plants and non-flammable design features.	Florence County
Wildfires	Implement a program of routine vegetation control to reduce wildfire risk in and around city properties and facilities.	Lake City
Wildfires	Conduct landscaping/vegetation control program at all town facilities to reduce wildfire risk.	Town of Coward
Winter Weather	Coordinate with local utility organizations to increase homeowner and community education about potential storm effects and possible mitigation activities.	Florence County
Winter Weather	Bury electrical lines where possible to resist damage from heavy snow, ice, sleet, and other hazards.	Florence County

Mitigation Initiatives Deleted:

Mitigation Action 5: Construct additional water supply storage facilities.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 6: Establish a plan/policy to promptly address resultant agricultural impacts.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 7: Relocated city facility or system that could cause disaster impact on agriculture.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 10: Establish plan/policy to promptly address agricultural impacts from disaster events.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 11: Develop alternate capability for temporary holding, processing and storage of crops with potential for damage by city facilities/systems.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 17: Develop alternate capability for temporary holding, processing and storage of crops with potential for damage by city facilities/systems.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 24: Construct improved drainage systems and other projects to modify the environmental conditions on the town's property conducive to disease outbreak and/or spread.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 26: Modify processes where needed to eliminate or minimize agent that threatens agriculture.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 30: Minimize flood damage to exterior features of town facilities.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 41: Develop plans or procedures for modification or control of water treatment processes upon indication or warning that an infection or disease outbreak could occur.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 42: Develop a plan to establish a temporary communications center or capability following loss of communications capabilities at city facilities.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 43: Prepare a plan for sheltering/evacuation of city personnel during radiological materials disaster event.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 46: Provide education/training for agricultural enterprises in disaster impact minimization.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 48: Develop alternate capability for prompt, post-impact harvesting of crops damaged by disaster events.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 49: Negotiate contracts with specialists needed for post-impact restoration activities at historical sites.

- Deleted due to initiative addressed in Mitigation Action 47.

Mitigation Action 51: Develop a plan for alternate means for employees to receive information when there is a major disruption to normal operations at city facilities.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 55: Provide barriers between city facility/system and agricultural areas of concern.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 56: Adopt policies/plans for disaster-related operations in the vicinity of damaged historical site(s).

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 58: Prepare a "We're Open for Business Again!" plan for post-event economic recovery.

- Deleted due to initiative addressed in Mitigation Action 1.

Mitigation Action 62: Establish a program to routinely consult with local law enforcement agencies regarding potential terrorist events involving the facility.

- Deleted due to initiative addressed in Mitigation Action 57.

Mitigation Action 63: Install barriers or covers on system components to protect from contamination.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 67: Develop a plan/procedure for suspension of operations during a lightning episode.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 68: Remove taller trees from around town facilities to lessen probability of lightning damages.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 70: Train the staff of institutions/facilities in the hazardous materials release impact area in appropriate response.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 71: Develop procedures for safe facility closure prior to storms arrival.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 78: Purchase/install alert and notification systems for public warning of release of hazardous materials and purchase appropriate containment and clean-up equipment and supplies.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 79: Plan for protective actions (evacuation-sheltering) in threatened neighborhoods.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 82: Develop a clean-up or resource restoration plan responsive to threatened environmental resources.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 83: Study and define all critical services most needed by the community after a disaster event.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 88: Replace the city's wells with a more drought resistant water supply system.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 91: Prepare, train in and practice employee/visitor evacuation plan.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 94: Develop a plan/procedure for flood damage control for city facilities to include temporary protection of facilities; temporary relocation and storage of equipment, contents and furniture; procedure for temporary relocation of furniture, contents, etc. to higher grounds.

- Deleted due to initiative addressed in Mitigation Action 93.

Mitigation Action 96: Repair leaking water system components serving the city.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 98: Install water saving devices at all city facilities.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 100: Develop/implement program to promote employees home retrofitting for wind impact.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 102: Develop procedures for pre-hurricane/storm removal of valuable contents.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 103: Develop plan/procedure for pre-hurricane/storm relocation of city operations.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 106: Purchase and install a severe weather/high wind notification system.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 107: Plan for protective actions (evacuation, sheltering) in neighborhoods threatened by hazardous materials release.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 110: Install equipment or facilities to avoid or minimize the potential for pathogenic contamination of city employees, products or the areas adjacent to city facilities.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 112: Develop a plan for transporting city personnel to/from their work stations during and immediately after winter storm disasters.

- Deleted due to this is addressed in the Florence County EOP.

Mitigation Action 113: Develop procedures for safe closure of city facilities prior to arrival of winter storms.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 114: Develop procedures for pre-season preparations (e.g. install snow fence) at town facilities and properties.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 115: Protect computers and telecommunications capabilities at city facilities for power loss.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 116: Purchase snow removal equipment for quicker access and egress to city facilities.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 119: Provide educational programs for city utility facility employees regarding control of disease outbreak and promulgation.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 120: Provide redundant equipment and standby power at city's waste treatment system to prevent temporary malfunctions due to equipment failure or community power loss.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 121: Install equipment to make temporary interconnections with other water supply systems more feasible.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 123: Provide and/or replace the water and sewer services to city facilities as needed to protect against disease outbreak; replace or rehabilitate the sanitary facilities available within city facilities for use by employees.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 124: Develop operating procedures for pre-storm facility preparation to remove or protect key external features of city facilities.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 125: Construct devices to protect historical structures.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 127: Replace vulnerable structure features with disaster-resistant features at historical structures in the city.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 128: Negotiate mutual aid agreements to obtain personnel/equipment for maintaining: Public safety services; educational and child care programs; welfare and public assistance programs; purchasing, permitting and other governmental operations; mass transit and taxi operations; grocery and pharmacy operations; banking and financial services; retail store, hotel and restaurant operations; gasoline sales and auto repair; and other critical services needed by the public.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 131: Educate city employees on drought mitigation techniques, including wildfire risk reduction techniques for city facilities and properties.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 133: Provide for effective and adequate disposal of biological materials that are a waste product of city facility operations.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 134: Develop plan/procedure for limited operation of sewer treatment facilities by city personnel away from the facility site.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 137: Develop a plan to suspend city operations when a disaster event is imminent while minimizing impact of that action.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 139: Construct and connect auxiliary water storage and supply system.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 140: Provide a dry chemical fire suppression system at city utility facilities.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 141: Negotiate contract with water supplier for emergency series.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 142: Construct systems to separate sewage from other water waste streams.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 144: Construct lagoons for wastewater storage during sewer service treatment system outage.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 145: Reconstruct system components at city facilities for remote operations via telemetry to avoid or minimize need for access by employees immediately following a disaster.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 146: Installation of improved lighting, fencing, remote monitoring and other security features at facilities.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 147: Removal or relocation of facilities or operations from the neighborhood that may be the site of a civil disorder event.

- Deleted due to changes in mitigation goals and initiatives.

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Mitigation Action 148: Purchase equipment needed for emergency response to terrorist attacks at city facilities.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 149: Purchase and install specialized equipment, e.g. HVAC system filters at city facilities potentially vulnerable to terrorist attack.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 150: Establish a program to routinely consult with local law enforcement agencies regarding potential terrorist events involving city facilities.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 151: Educate city employees regarding terrorism preventative measures and appropriate response actions.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 153: Design/purchase/install hazardous materials release monitoring and alarm systems at city facilities.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 154: Design/purchase/install hardened alert and notification systems for public warning of hazardous materials release.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 155: Conduct a detailed study of likely impacts of a hazardous material release/disaster situation.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 157: Install emergency sewage holding tanks at all city facilities and connect to facility plumbing.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 158: Initiate and maintain a routine fire inspection and prevention program for all city facilities.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 159: Remove taller trees from around city facilities to prevent damages from trees affected by high winds, winter storms and lightning events.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 160: Develop a plan/procedure for suspension of city operations during a lightning episode.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 161: Prepare and implement fire safety education at programs for city personnel.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 163: Develop a plan for city equipment/facilities isolation/protection during lightning episodes.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 165: Design and construct alternative evacuation/firefighting access routes to all city facilities.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 167: Conduct a detailed assessment of fire risk for all city facilities.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 169: Plan for safe shut down of city's hazardous operations without electric power.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 172: Adopt plan/policy to prohibit reconstruction of damaged facilities in similar manner after next disaster event.

- Deleted due to changes in mitigation goals and initiatives.

Mitigation Action 174: Use prior damage experience at city facilities to prohibit similar construction after a disaster event.

- Deleted due to changes in mitigation goals and initiatives.

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APPENDIX A

Florence County Stakeholders

Municipalities

Mayor Stephen J. Wukela, City of Florence
Mayor Lovith Anderson, Jr., City of Lake City
Mayor Gene R. Gainey, Town of Pamplico
Mayor Darrick Jackson, Town of Timmons ville
Mayor James McCutcheon, Town of Olanta
Mayor Ashby Gregg, Jr., Town of Quinby
Mayor Steve Dukes, City of Johnsonville
Mayor Terry Knotts, Town of Scranton
Mayor Lewis W. Pate, Town of Coward

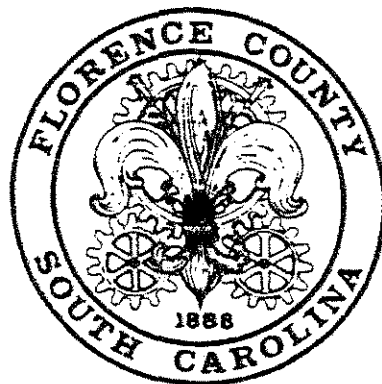
Business and Industry

Adrian Harris, Nan-Ya Corp.
Al Briggs, Heinz Co.
Allie Brooks, FSD1
Andy Kaercher, Roche Carolina
Anna Floyd, Carolina Academy
Benny Mullins, PDRTA
Barry Ford, Smurfit.com
Carolinas Hospital
Carlie Gregg, Florence County Public Works
Chad Reel, Maranatha
Chairman Rusty Smith, County Council
Charlie Holloway IFH
Chief Richard Austin, FMU
Chief Billy Brown, Lake City PD
Chris Brozovic, Heinz Co.
Chuck Haines, Pamplico Rescue
Chuck Freeman, IFH
Costa Cockfield, Carolinas Hospital
Cristine Rathburn, Florence County GIS
Curt Gowdy, Farmers Telephone
Cynthia Gardier, QVC
David Eaddy, DHEC
Deb Parrish, Florence Chamber
Donnie Windham, Timmons ville Rescue Squad
Eric Minshew, SCDOT
Gail Blue, Pee Dee Mental Health
Harrison Ford III, FDTC
Henry Simmons, Southern Baptist
James Grant, SCEMD
Jane White, Regency
Jay Alexander FSD3

Planning Commission

Mr. Roger Kirby
Ms. Doris Lockhart
Mr. Peter Knoller, Chairman
Mr. T.R. Greene, III
Mr. King D. Lowery
Ms. Virginia T. Talbert
Mr. Cecil Cunha
Mr. Bill Lockhart, Vice-Chairman
Ms. Linda Borgman
Mr. David Hobbs
Mr. Jody Lane

Jay McCracken, Roche Carolina
Jeff Holmes, MRMC
Jeff Helton, Honda
Jeff Oneil, Honda
Jim Berry, Florence Christian School
Joan Pennstrom, All Saints
John Baker South Lynches FD
John DeLung, Windy Hill FD
Johnsonville Rescue
Joseph Pagendarm, GE
Ken Hyman, FSD4
Kendall Wall, Florence Civic Center
Kenny Coxe, Quinby PD
Kerry Tanner, Johnsonville FD
L. Donnell Camp, FDTC
Linda Boone-Smith, ARC
Mark Braddock, Lake City Community Hospital
Mindy Taylor, Duke Progress Energy
Nadine Livingston, DSS
Nick Jacobs Vulcraft
Robert Sullivan, FSD2
Randy Propps, MRMC
Ray McBride Florence County Library
Ryon Watkins, Florence County EMS
Sam Brockington, South Lynches FD
Sara Ochal, Regency Hospital
Shannon Tanner, Johnsonville FD
Shawn Brashear, Florence County Planning
Sheriff Kenney Boone, FCSO
Steven McDaniel, HealthSouth



**Notice of Public Meeting
Florence County
Hazard Mitigation Plan**

Public meeting will be held at the following times and location:

**Thursday, September 5, 2013 10:00am – 12:00pm
Florence County Emergency Management,
6719 Friendfield Road, Effingham
843-665-7255**

To review the Hazard Mitigation Plan prepared by and for Florence County. A copy is available for review at the Florence County Emergency Management office, 6719 Friendfield Road, Effingham.

The plan provides an overview of natural hazards in the County and municipalities, summarizes past hazard events, and describes how the County and Cities recognize and addresses hazards in the planning and development processes. The actions identified in this plan are intended to reduce the long-term impacts of hazards on the County, Cities, and their citizens. Members of the public are encouraged to attend. Citizens have the opportunity to comment on the plan. Comments can be sent to Florence County Emergency Management, attention Kristy Hughes, 6719 Friendfield Road, Effingham.

After consideration of comments and review by the South Carolina Division of Emergency Management and Federal Emergency Management Agency, the final hazard mitigation plan will be presented to the Florence County and Municipal Councils for adoption later this year.

Questions about the plan should be directed to Kristy Hughes, Natural Hazards Coordinator, 843-665-7255.

my Florence today.com

Home

This is your receipt

Florence News Journal
312 Railroad Avenue, Florence, SC 29506
njclassifieds@sc.rr.com 843-667-9656

Billing Address

Name: Kristy Hughes
Address: 180 N. Irby Street, Florence, SC 29501
Email: khughes@fcemd.org Phone: 8436657255

Order Summary: Order Number 458057

\$10.15 - Line Count: 17
Category: 210
SubCategory: ANNOUNCEMENT

Start Date: 8/30/2013
Number of Days: 1 day
Additional Options:

Ad Text:
Notice of Public Meeting Florence County Hazard Mitigation Plan Public meeting will be held at the following time and location:
Thursday, September 5, 2013 10:00am -12:00pm
Florence County Emergency Management, 6719 Friendfield Road, Effingham
843-665-7255 (\$10.15)

\$0.00 - Tax

\$10.15 - Total Payment Amount

Shipping Info

Name: Kristy Hughes
Address: 180 N. Irby Street, Florence, SC 29501
Email: khughes@fcemd.org Phone: 8436657255

Payment

This order will appear as "NEWSPAPER/ONLINE PURCH" on your statement.
Address: 1up! Software, 217 W Sycamore, Kokomo, IN 46901
Phone: (765) 452-3936
Email: orders@paymentwizard.com

APPENDIX C

CITIZENS QUESTIONNAIRE

In an effort to increase citizen input we have created a survey to capture feelings on hazards in our area, mitigation actions and their preparedness level.

1. Please state the jurisdiction (City and County) where you reside.

2. Have you ever experienced a hazard? Yes ___ No ___
If yes, please explain

3. How concerned are you about the possibility of our community being impacted by a disaster?

Extremely concerned Somewhat concerned Not concerned

4. Please indicate by rank (1) highest, (2) second highest, (3) third highest hazard which you think have the greatest threat to our community.

- | | | |
|--------------|----------------|---------------------|
| Drought | Hailstorm | Hurricane |
| Extreme Heat | Terrorism | Hazardous Materials |
| Flooding | Tornado | Nuclear Power Plant |
| Wildfire | Thunderstorm | Winter Storm |
| Earthquake | Winter Weather | Other _____ |

5. In your opinion, rank (1) highest, (2) second highest, (3) third highest the most effective ways to distribute information on how to make our community more resistant to hazards?

- | | |
|------------|------------------|
| Newspaper | Mail |
| Television | Public workshops |
| Radio | School meetings |
| Internet | Other _____ |

6. Is your home or business located in a floodplain? Yes ___ No ___ I don't know ___

7. Do you have flood insurance? Yes ___ No ___ I don't know ___

8. A number of community-wide activities can reduce our risk from hazards, rank (1) highest, (2) second highest, (3) third highest the general categories found on the back of the page. THANK YOU



Prevention - Administrative or regulatory actions that influence the way land is developed and buildings are built. Examples include planning and zoning, building codes, open space preservation, and floodplain regulations. ____

Property Protection - Actions that involve the modification of existing buildings to protect them from a hazard or removal from the hazard area. Examples include acquisition, relocation, elevation, structural retrofits, and storm shutters. _____

Natural Resource Protection - Actions that in addition to minimizing hazard losses, also preserve or restore the functions of natural systems. Examples include: floodplain protection, habitat preservation, slope stabilization, riparian buffers, and forest management. _____

Structural Projects - Actions intended to lessen the impact of a hazard by modifying the natural progression of the hazard. Examples include dams, levees, seawalls detention / retention basins, channel modification, retaining walls and storm sewers. _____

Emergency Services - Actions that protect people and property during and immediately after a hazard event.

Examples include warning systems, evacuation planning, emergency response training, and protection of critical facilities or systems. _____

Public Education and Awareness - Actions to inform citizens about hazards and techniques they can use to protect themselves and their property. Examples include outreach projects, school education programs, library materials and demonstration events. _____

APPENDIX D

STAKEHOLDERS QUESTIONNAIRE

In an effort to increase stakeholder input we have created a survey to capture feelings on hazards in our area, mitigation actions and their preparedness level.

1. Please circle your industry and years of experience.

Local Government	State Government	Private Sector	Non-profit	Other
1-5 yrs.	5-10 yrs.	10-15yrs.	15+ yrs.	

2. Have you ever experienced a hazard? Yes ___ No ___

If yes, please explain _____

3. How concerned are you about the possibility of our community being impacted by a disaster?

Extremely concerned Somewhat concerned Not concerned

4. Please indicate by rank (1) highest, (2) second highest, (3) third highest hazard which you think have the greatest threat to our community.

Drought	Hailstorm	Hurricane
Extreme Heat	Terrorism	Hazardous Materials
Flooding	Tornado	Nuclear Power Plant
Wildfire	Thunderstorm	Winter Storm
Earthquake	Winter Weather	Other _____

5. In your opinion, rank (1) highest, (2) second highest, (3) third highest the most effective ways to distribute information on how to make our community more resistant to hazards?

Newspaper	Mail
Television	Public workshops
Radio	School meetings
Internet	Other _____

6. A number of community-wide activities can reduce our risk from hazards, rank (1) highest, (2) second highest, (3) third highest the general categories found on the back of the page. THANK YOU

If you would like to further participate in the hazard mitigation planning process as a formal member of the planning committee, please provide your updated contact information below.

Name: _____ Email: _____ Phone: _____

Prevention

Prevention - Administrative or regulatory actions that influence the way land is developed and buildings are built.

Examples include planning and zoning, building codes, open space preservation, and floodplain regulations. _____

Property Protection - Actions that involve the modification of existing buildings to protect them from a hazard or removal from the hazard area. Examples include acquisition, relocation, elevation, structural retrofits, and storm shutters. _____

Natural Resource Protection - Actions that in addition to minimizing hazard losses, also preserve or restore the functions of natural systems. Examples include: floodplain protection, habitat preservation, slope stabilization, riparian buffers, and forest management. _____

Structural Projects - Actions intended to lessen the impact of a hazard by modifying the natural progression of the hazard. Examples include dams, levees, seawalls detention / retention basins, channel modification, retaining walls and storm sewers. _____

Emergency Services - Actions that protect people and property during and immediately after a hazard event. Examples include warning systems, evacuation planning, emergency response training, and protection of critical facilities or systems. _____

Public Education and Awareness - Actions to inform citizens about hazards and techniques they can use to protect themselves and their property. Examples include outreach projects, school education programs, library materials and demonstration events. _____

DRAFT

FLORENCE COUNTY COUNCIL MEETING

Thursday, January 16, 2014

AGENDA ITEM: Ordinance No. 14-2013/14
Third

DEPARTMENT: Planning and Building Inspections / MSJ

ISSUE UNDER CONSIDERATION:

[An Ordinance To Amend The Florence County Comprehensive Plan Land Use Map For Property In Florence County Located On E. Smith Street, Timmonsville, More Specifically Shown On Tax Map Number 00033, Block 04, Parcel 234, From Suburban Development To Commercial Growth And Preservation; And Other Matters Related Thereto.] *(Planning Commission approved 9-0: Council District 4)*

POINTS TO CONSIDER:

1. The subject property's designation, as established by the Land Use Map of the Florence County Comprehensive Plan, is Suburban Development.
2. The applicant is proposing to change the designation to Commercial Growth and Preservation to recognize substantial change and changing conditions or circumstances in a particular locality.

OPTIONS:

1. *(Recommended)* Approve as Presented.
2. Provide an Alternate Directive.

ATTACHMENTS:

1. Ordinance No. 14-2013/14
2. Resolution for PC#2013-15
3. Staff report for PC#2013-15
4. Comprehensive Land Use Plan Map
5. Aerial Map
6. Parcel Plat

Sponsor(s)	: Planning Commission	I, _____,
Planning Commission Consideration	: October 22, 2013	Council Clerk, certify that this
Planning Commission Public Hearing	: October 22, 2013	Ordinance was advertised for
Planning Commission Action	: October 22, 2013 [Approved 9-0]	Public Hearing on _____.
First Reading/Introduction	: November 21, 2013	
Committee Referral	: N/A	
County Council Public Hearing	: December 12, 2013	
Second Reading	: December 12, 2013	
Third Reading	: January 16, 2014	
Effective Date	: Immediately	

ORDINANCE NO. 14-2013/14

COUNCIL-ADMINISTRATOR FORM OF GOVERNMENT FOR FLORENCE COUNTY

[An Ordinance To Amend The Florence County Comprehensive Plan Land Use Map For Property In Florence County Located On E. Smith Street, Timmons ville, More Specifically Shown On Tax Map Number 00033, Block 04, Parcel 234, From Suburban Development To Commercial Growth And Preservation; And Other Matters Related Thereto.]

WHEREAS:

1. The Florence County Council must be satisfied that this Zoning Atlas amendment will not be injurious from a public health, safety and general welfare outlook and the effect of the change will not negatively impact the immediate environs or the County generally; and
2. The amendment procedure established in the Florence County Comprehensive Plan has been followed by the Florence County Planning Commission at a public hearing on October 22, 2013.

NOW THEREFORE BE IT ORDAINED BY THE FLORENCE COUNTY COUNCIL DULY ASSEMBLED THAT:

1. The Florence County Comprehensive Plan Land Use Map is hereby amended to change the designation for property in Florence County located on E. Smith Street, Timmons ville, more specifically shown on Tax Map Number 00033, Block 04, Parcel 234, from Suburban Development to Commercial Growth and Preservation. The parcel consists of approximately 1.56 acres.
2. Provisions in other Florence County ordinances in conflict with this Ordinance are hereby repealed.
3. If any provision of this Ordinance or the application thereof to any person or circumstance is held invalid, the invalidity does not affect other provisions or applications of the Ordinance which can be given effect without the invalid provision or application and to this end, the provisions of this Ordinance are severable.

ATTEST:

SIGNED:

Connie Y. Haselden, Council Clerk

James T. Schofield, Chairman

Approved as to Form and Content
D. Malloy McEachin, Jr., County Attorney

COUNCIL VOTE:
OPPOSED:
ABSENT:

RESOLUTION FOR PC#2013-15
FLORENCE COUNTY PLANNING COMMISSION
OCTOBER 22, 2013

[A Resolution Recommending A Comprehensive Plan Map Amendment To Change The Land Use Map Designation For Property In Florence County Located In Timmons ville On E. Smith Street, More Specifically Shown On Tax Map Number 00033, Block 04, Parcel 144, From Suburban Development To Commercial Growth And Preservation As Referenced On The Agenda Map.]

WHEREAS:

1. The subject property's designation as established by the Land Use Map of the Florence County Comprehensive Plan is Suburban Development.
2. The applicant is proposing to change the designation to Commercial Growth and Preservation to recognize substantial change and changing conditions or circumstances in a particular locality.
3. Therefore, a change to the Comprehensive Plan Map Land Use Designation for this property is hereby recommended.

NOW THEREFORE BE IT RESOLVED BY THE FLORENCE COUNTY PLANNING COMMISSION DULY ASSEMBLED THAT:

1. A Resolution is hereby adopted to recommend that the Florence County Council vote to amend the Florence County Comprehensive Plan Map Land Use Designation for property in Florence County located in Timmons ville on E. Smith Street. Shown on Florence County Tax Map No. 33, Block 4, Parcel 144 from Suburban Development to Commercial Growth and Preservation as referenced on the agenda map.

ATTEST:

Angela C. Thomas
Angela C. Thomas, Secretary III

SIGNED:

David D. Hobbs
David Hobbs, Chairman

COMMISSION VOTE: 9-0
OPPOSED: None
ABSENT: R. Kirby

**STAFF REPORT
TO THE
FLORENCE COUNTY PLANNING COMMISSION
OCTOBER 22, 2013
PC#2013-15
ORDINANCE NO. 14-2013/14**

Subject: Comprehensive Plan Map Amendment to change the Land Use Map designation for property in Florence County from Suburban Development to Commercial Growth and Preservation.

Locations: E. Smith Street, Timmonsville

Tax Map Numbers 00033, Block 04, Parcel 234

Council District(s): 4; County Council

Applicant: Robert A. Cates

Land Area: 1 parcel, approximately 1.56 acres

Staff Analysis:

The property is currently designated Suburban Development according to the Comprehensive Plan Land Use map.

The applicant is proposing to change the designation to Commercial Growth and Preservation.

Staff's Justification/Reason for the proposed amendment is recognize substantial change and changing conditions or circumstances in a particular locality.

Comprehensive Land Use Plan Map Designation:

The proposal is to change the designation to Commercial Growth and Preservation. Commercial Growth and Preservation protects and sustains existing commercial areas, including property values and amenities, and provides areas along important corridors or at key community points that are expected to have increasing economic significance.

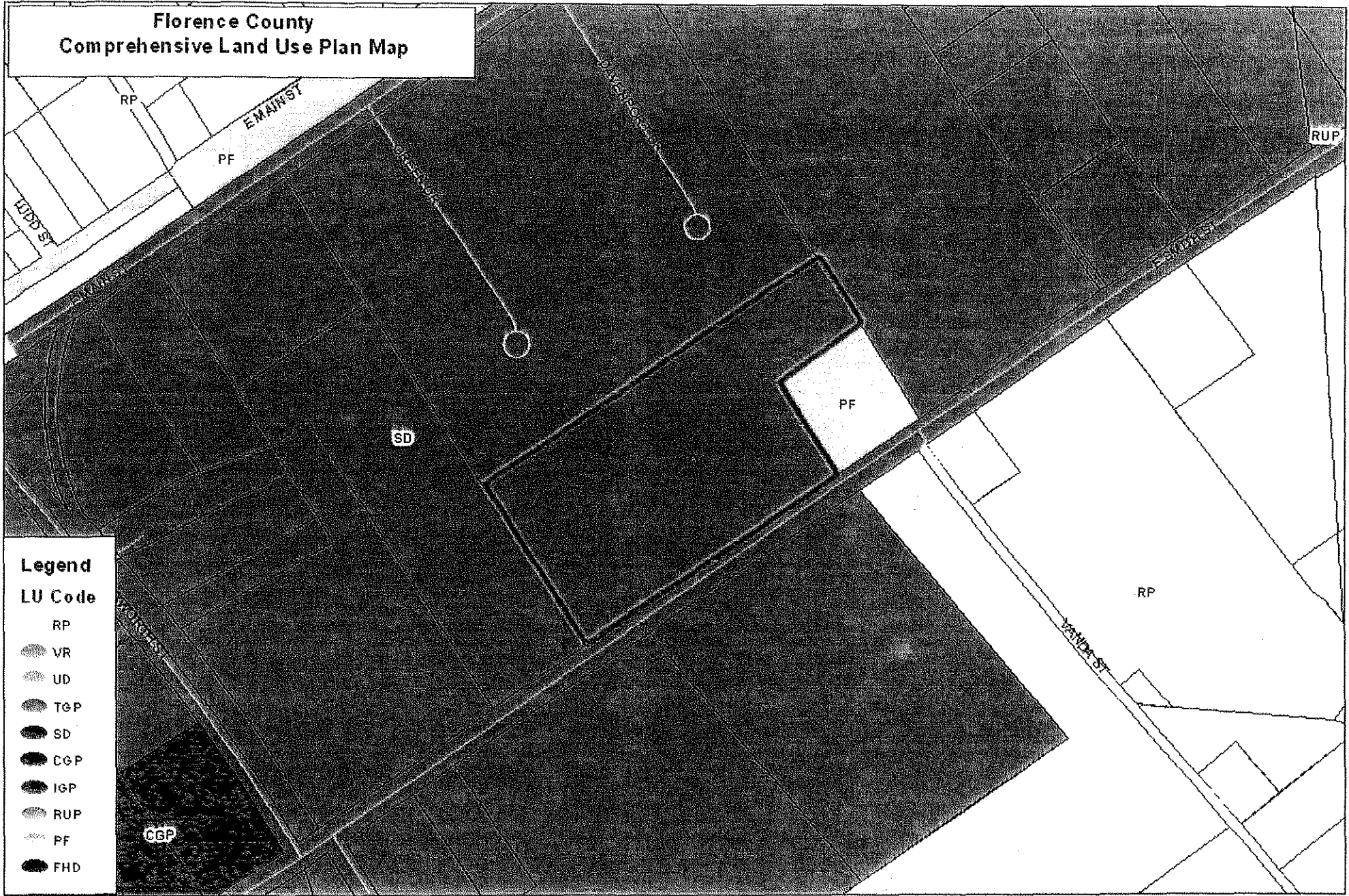
Florence County Planning Commission Action: October 22, 2013:

The nine Planning Commission members present voted unanimously to adopt a resolution recommending that County Council amend the Comprehensive Plan Land Use Map.

Florence County Planning Commission Recommendation:

Florence County Planning Commission recommends approval of the request to the Florence County Council for a Commercial Growth and Preservation land use designation to protect and sustain existing commercial areas, including property values and amenities, and provide areas along important corridors or at key community points that are expected to have increasing economic significance.

**Florence County
Comprehensive Land Use Plan Map**



Legend

LU Code

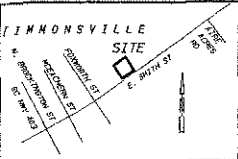
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- VR
- UD
- TGP
- SD
- CGP
- IGP
- RUP
- PF
- FHD

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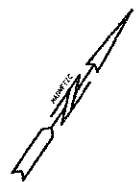
680 Feet
Map Prepared by: RWE
Copyright 2010: Florence County Planning
& Building Inspections Department
Geographic Information Systems
09/23/2013



**COUNTY COUNCIL DISTRICT(S): 4
PC#2013-15**



LOCATION MAP - 1" = 1800'



FILED
2013 OCT 15 PH 3:07
CONNIE REEL SHEARIN
CCCP & GS
FLORENCE COUNTY, SC

SBM OF WISCONSIN, LLC
TMS 00033-04-144

ALL UNIDENTIFIED CORNERS ARE NEW 5/8" REBAR

LINE	BEARING	DISTANCE
L1	N 54° 48' 20" W	7.00
L2	S 55° 11' 40" W	15.00
L3	N 34° 48' 20" W	25.00
L4	S 24° 48' 20" E	15.00
L5	N 55° 11' 40" E	34.43

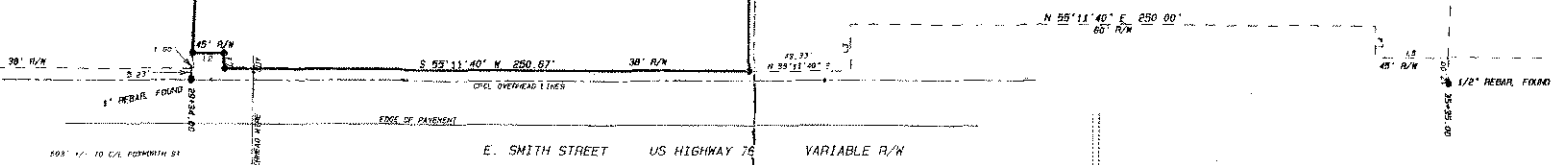
SBM OF WISCONSIN, LLC
TMS 00033-04-58

1.663 ACRES

SBM OF WISCONSIN, LLC
TMS 00033-04-144

FLORENCE COUNTY MUNICIPAL PLANNING DEPARTMENT
Having verified that this plat is approved
for 102 by *[Signature]*
COUNTY PLANNER

SARDIS - TIMMONSVILLE
FIRE DEPARTMENT
TMS 00033-04-170



THIS PROPERTY DESIGNATED AS
MAP 33 BLOCK 04 PARCEL 234
ON FLORENCE COUNTY TAX MAPS
SPLIT FROM 33-04-144
FLORENCE COUNTY TAX ASSESSOR
OWNERSHIP CHANGES
SUBJECT TO RECORDING

SEPTEMBER 30, 2013

101-299

THE ABOVE SHOWN PARCEL IS A PORTION OF 15.46 ACRES SHOWN ON A BOUNDARY SURVEY FOR E.P.S.J. INC. BY HESBITT SURVEYING CO. INC., DATED APRIL 18, 2009, RECORDED IN FLORENCE COUNTY PLAT BOOK 89 AT PAGE 62. A PORTION OF TMS 00033-04-144

ACCORDING TO THE NATIONAL FLOOD INSURANCE PROGRAM "FLOOD INSURANCE RATE MAP", 45041C0120 D, EFFECTIVE DECEMBER 16, 2004, THE ABOVE PROPERTY LIES WITHIN THE APPROXIMATE SCALED LIMITS OF AN UNSHADED ZONE "X".



[Signature]
JAMES F. DRAFTS P.S. #110558

BOUNDARY SURVEY FOR
JR LEX, LLC

LOCATED IN FLORENCE COUNTY, SOUTH CAROLINA
IN THE TOWN OF TIMMONSVILLE
SCALE: 1" = 40'



I HEREBY STATE THAT TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION, AND BELIEF, THE SURVEY SHOWN HEREON WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STANDARDS OF PRACTICE MANUAL FOR SURVEYING IN SOUTH CAROLINA AND NETS OR EXCEEDS THE REQUIREMENTS FOR A CLASS A SURVEY AS SPECIFIED THEREIN.

DRAFTS SURVEYING, INC.
PO BOX 1014 - LEXINGTON, SC 29021 (803) 857-8887

FLORENCE COUNTY COUNCIL MEETING
Thursday, January 16, 2014

AGENDA ITEM: Ordinance No.15-2013/14
Third Reading

DEPARTMENT: Planning and Building Inspections / 

ISSUE UNDER CONSIDERATION:

[An Ordinance To Rezone Property Owned by SBM Of Wisconsin, LLC Located At E. Smith Street, Timmons ville, As Shown On Florence County Tax Map No. 00033, Block 04, a portion of Parcel 234; Consisting Of Approx. 1.56 (+/-) Acre From RU-1, Rural Community District To B-3, General Commercial District; And Other Matters Related Thereto.]

(Planning Commission approved 9 to 0; Council District 4)

POINTS TO CONSIDER:

1. The subject property is currently zoned R U-1, Rural Community District.
2. Surrounding land uses consist of a mixture of vacant land/commercial use /industrial use zoned R-3, Single-Family Residential District, RU-1, Rural Community District.
3. The Comprehensive Plan currently designates the subject property as Suburban Development area according to the Comprehensive Plan Land Use Map.
4. The applicant is proposing to rezone this property to B-3. The rezoning request does not presently comply with the Florence County Comprehensive Plan. However, staff is moving forward with the request to amend the Comprehensive Plan land use designation to Commercial Growth and Preservation. When the amendment is approved for the land use designation change, the zoning amendment of the subject property from RU-1 to B-3 will be in compliance with the Florence County Comprehensive Plan.

OPTIONS:

1. *(Recommended)* Approve As Presented.
2. Provide An Alternate Directive.

ATTACHMENTS:

1. Ordinance No. 15-2013/14
2. Staff report for PC#2013-16
3. Location Map
4. Comprehensive Plan Land Use Map
5. Zoning Map
6. Aerial Map

Sponsor(s)	: Planning Commission	I, _____,
Planning Commission Consideration	: October 22, 2013	Council Clerk, certify that
Planning Commission Public Hearing	: October 22, 2013	this Ordinance was
Planning Commission Action	: October 22, 2013 [Approved: 9 to 0]	advertised for Public
First Reading/Introduction	: November 21, 2013	Hearing on _____.
Committee Referral	: N/A	
County Council Public Hearing	: N/A	
Second Reading	: December 12, 2013	
Third Reading	: January 16, 2014	
Effective Date	: Immediately	

ORDINANCE NO. 15-2013/14

COUNCIL-ADMINISTRATOR FORM OF GOVERNMENT FOR FLORENCE COUNTY

[An Ordinance To Rezone Property On Behalf Of SBM Of Wisconsin, LLC Located At E. Smith Street, Timmons ville, As Shown On Florence County Tax Map No. 00033, Block 04, Parcel 234; Consisting Of Approx. 1.56 (+/-) Acres From RU-1, Rural Community District, To B-3, General Commercial District; And Other Matters Related Thereto.]

WHEREAS:

1. The Florence County Council must be satisfied that this Zoning Atlas amendment will not be injurious from a public health, safety and general welfare outlook and the effect of the change will not negatively impact the immediate environs or the County in general; and
2. The amendment procedure established in the Florence County Code, Chapter 30-Zoning Ordinance has been followed by the Florence County Planning Commission at a public hearing on October 22, 2013.

NOW THEREFORE BE IT ORDAINED BY THE FLORENCE COUNTY COUNCIL DULY ASSEMBLED THAT:

1. Property located at E. Smith Street, Timmons ville, bearing Tax Map 00033, Block 04, Parcel 234; is hereby rezoned to B-3, General Commercial District.
2. Provisions in other Florence County ordinances in conflict with this Ordinance are hereby repealed.
3. If any provision of this Ordinance or the application thereof to any person or circumstance is held invalid, the invalidity does not affect other provisions or applications of the Ordinance which can be given effect without the invalid provision or application and to this end, the provisions of this Ordinance are severable.

ATTEST:

SIGNED:

Connie Y. Haselden, Council Clerk

James T. Schofield, Chairman

Approved as to Form and Content
D. Malloy McEachin, Jr., County Attorney

COUNCIL VOTE:
OPPOSED:
ABSENT:

**STAFF REPORT
TO THE
FLORENCE COUNTY PLANNING COMMISSION
Tuesday, October 22, 2013
PC#2013-16
ORDINANCE NO. 15-2013/14**

SUBJECT: Rezoning request from RU-1, Rural Community District to B-3, General Commercial District

LOCATION: Property is located at E. Smith Street, Timmons ville, SC

TAX MAP NUMBER: 00033, Block 04, Parcel 234

COUNCIL DISTRICT(S): 4; County Council

OWNER OF RECORD: SBM of Wisconsin, LLC

APPLICANT: Tony Cates for JR LEX, LLC

LAND AREA: 1.56 (+/-) Acre

WATER /SEWER AVAILABILITY: These services are provided by the Town of Timmons ville.

**ADJACENT WATERWAYS/
BODIES OF WATER:** There does not appear to be any waterway/body of water adjacent to the property.

FLOOD ZONE: The property is not located in a Flood zone.

STAFF ANALYSIS:

1. Existing Land Use and Zoning:
The subject property is currently vacant land and zoned RU-1, Rural Community District.
2. Proposed Land Use and Zoning:
The proposal is to rezone the portion of property to B-3, General Commercial District, for future Retail Building and General Retail.
3. Surrounding Land Use and Zoning:
North: Single-Family Residential/R-3/Town of Timmons ville
South: Vacant / RU-1 Rural Community District/Town of Timmons ville
West: Industrial Business/ RU-1 Rural Community District/Town of Timmons ville
East: Commercial Business/RU-1 Rural Community District /Town of Timmons ville

4. Transportation Access and Circulation:
Present access to the property is by way of Smith Street.
5. Traffic Review:
The rezoning of this property will have a minimal effect on traffic flow for the area.
6. Florence County Comprehensive Plan:
The subject property is currently located in a Suburban Development area according to the Florence County Comprehensive Plan. The applicant is proposing to rezone this property to B-3. The rezoning request does not presently comply with the Florence County Comprehensive Plan. However, staff is moving forward with the request to amend the Comprehensive Plan land use designation to Commercial Growth and Preservation. When the amendment is approved for the land use designation change, the zoning amendment of the subject property from RU-1 to B-3 will be in compliance with the Florence County Comprehensive Plan.
7. Chapter 30-Zoning Ordinance:
The intent of the B-3, General Commercial District: The intent of this district is to provide for the development and maintenance of commercial and business uses strategically located to serve the community and larger region in which it holds a central position.

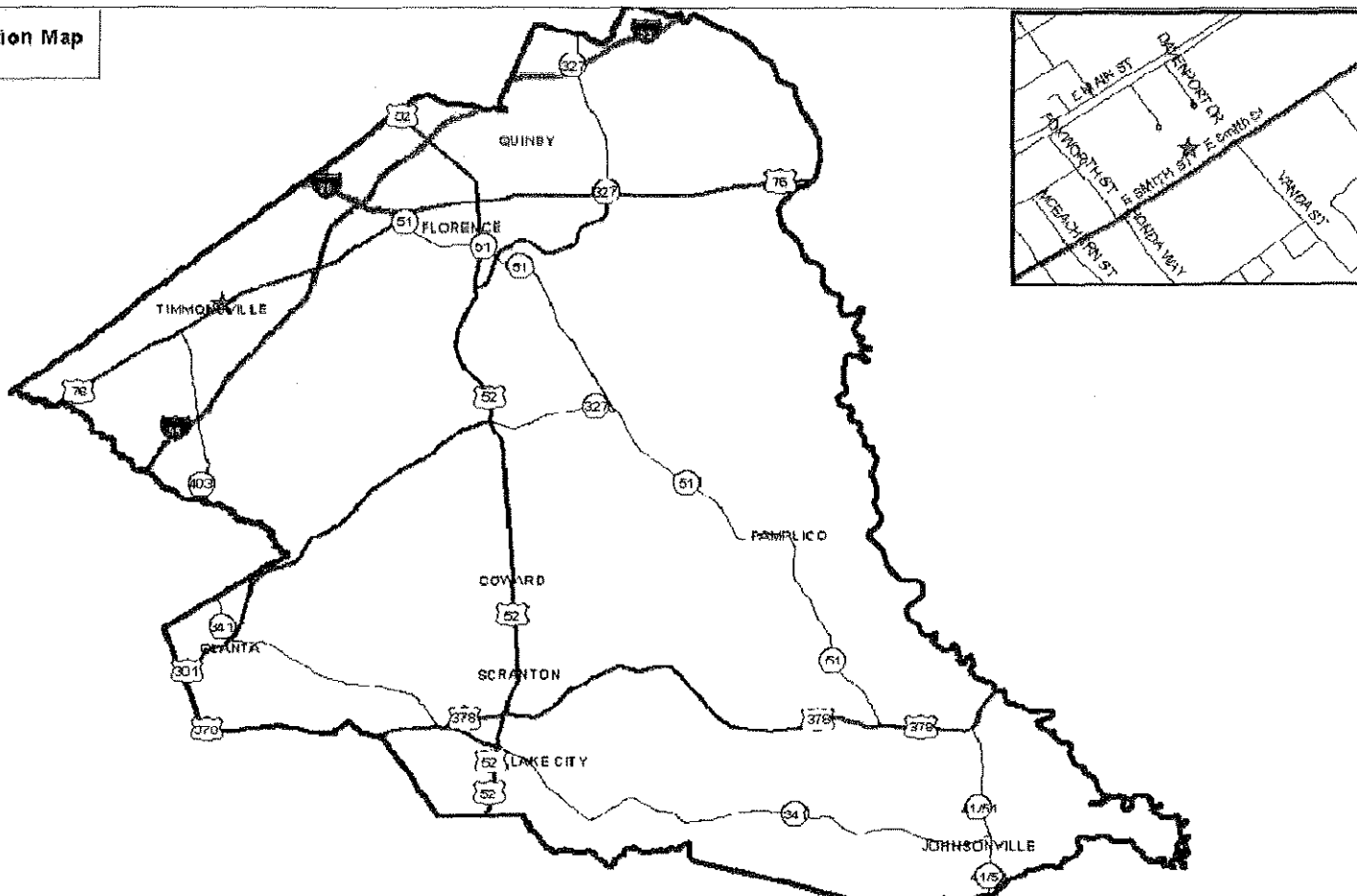
STAFF RECOMMENDATION:

Approve as submitted.

FLORENCE COUNTY PLANNING COMMISSION ACTION-TUESDAY, OCTOBER 22, 2013.

The nine Planning Commission members present approved the zoning amendment request unanimously based on the request being in compliance with the Land Use Map and Land Use Element of the comprehensive Plan with the approval of the Land Use amendment request at the meeting held on October 22, 2013.

Location Map



0 1 2 3 4 Miles

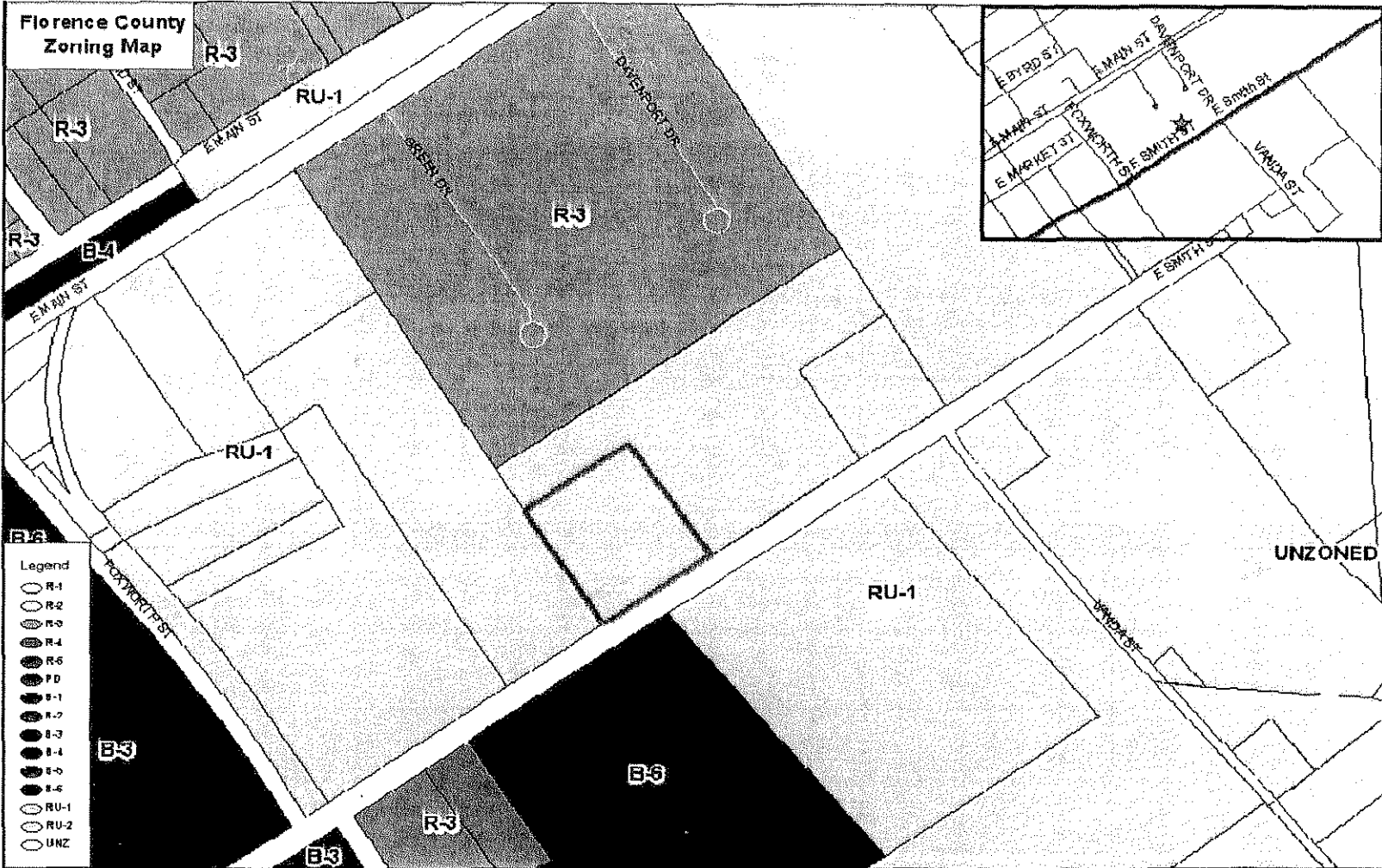


Map Prepared by: RWE
Copyright 2010: Florence County Planning
& Building Inspections Department
Geographic Information Systems
00/25/2013

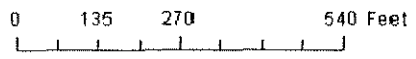


COUNTY COUNCIL DISTRICT(S): 4
PC#2013-16

**Florence County
Zoning Map**



- Legend**
- R-1
 - R-2
 - R-3
 - R-4
 - R-6
 - PD
 - I-1
 - I-2
 - I-3
 - I-4
 - I-5
 - I-6
 - RU-1
 - RU-2
 - UNZ



Map Prepared by: RWE
 Copyright 2010: Florence County Planning
 & Building Inspections Department
 Geographic Information Systems
 09/25/2013



**COUNTY COUNCIL DISTRICT(S): 4
 PC#2013-16**

Florence County 2008 Orthophotography Map



0 150 300 Feet

Map Prepared by: RWE
Copyright 2010: Florence County Planning
& Building Inspection Department
Geographic Information Systems
08/25/2013



COUNTY COUNCIL DISTRICT(S): 4
PC#2013-16

FLORENCE COUNTY COUNCIL MEETING

January 16, 2014

AGENDA ITEM: Approval of Third Reading of Ordinance No. 16-2013/14

DEPARTMENT: Finance

ISSUE UNDER CONSIDERATION:

(An Ordinance To Provide For The Issuance And Sale Of Not Exceeding One Hundred Twenty-Five Million Dollars (\$125,000,000) General Obligation Bonds Of Florence County, South Carolina, To Prescribe The Purposes For Which The Proceeds Shall Be Expended, To Provide For The Payment Thereof, And Other Matters Related Thereto.)

POINTS TO CONSIDER:

1. The proceeds of this bond will be used to fund the cost of the majority of the projects included in the Capital Project Sales Tax referendum approved by the voters on November 5.
2. It is anticipated that this bond will be issued sometime during March 2014.
3. The term of the bonds will be for seven years, in order to match the receipt of the capital project sales tax.

FUNDING FACTORS:

The principal and interest payments on these new bonds will be funded entirely from the proceeds of the capital project sales tax. This sales tax will begin to be collected by the merchants in Florence County on May 1, 2014. Florence County should receive its first quarterly payment from the State of South Carolina no later than October 31, 2014.

OPTIONS:

1. *(Recommended)* Approve Third Reading of Ordinance No. 16-2013/14.
2. Provide An Alternate Directive.

ATTACHMENT:

1. Copy of Ordinance No. 16-2013/14

Sponsor(s) : County Council
First Reading : November 21, 2013
Committee Referral :
Committee Consideration Date :
Committee Recommendation :
Public Hearing : December 12, 2013
Second Reading : December 12, 2013
Third Reading : January 16, 2014
Effective Date : Immediately

I, _____,
Council Clerk, certify that this
Ordinance was advertised for
Public Hearing on _____.

ORDINANCE NO. 16-2013/14

COUNCIL-ADMINISTRATOR FORM OF GOVERNMENT FOR FLORENCE COUNTY

AN ORDINANCE

TO PROVIDE FOR THE ISSUANCE AND SALE OF NOT EXCEEDING ONE HUNDRED TWENTY-FIVE MILLION DOLLARS (\$125,000,000) GENERAL OBLIGATION BONDS OF FLORENCE COUNTY, SOUTH CAROLINA, TO PRESCRIBE THE PURPOSES FOR WHICH THE PROCEEDS SHALL BE EXPENDED, TO PROVIDE FOR THE PAYMENT THEREOF, AND OTHER MATTERS RELATING THERETO.

DRAFT

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<i>Windy Hill Fire District</i>	<i>New Quinby Station</i>	<i>1,800,000</i>
<i>Howe Springs Fire District</i>	<i>New Main Station</i>	<i>3,700,000</i>
<i>South Lynches Fire District</i>	<i>Classroom, Logistics, and Maintenance Facility</i>	<i>1,000,000</i>
	<i>Upgrades to Station One Facilities</i>	<i>1,000,000</i>
	<i>Upgrades at Nine Fire Stations</i>	<i>500,000</i>
<i>West Florence Fire District</i>	<i>New Station on Hoffmeyer Road</i>	<i>1,500,000</i>
	<i>Addition to Station One on Pine Needles Road to Include Living Quarters, Training, and Office Space</i>	<i>1,000,000</i>
<i>Hannah Salem Friendfield Fire District</i>	<i>2 New Stations at Friendfield and Flemingtown</i>	<i>1,745,000</i>
	<i>Upgrade Stations One and Two</i>	<i>1,400,000</i>
	<i>Upgrade Stations Three and Four</i>	<i>900,000</i>
<i>Olanta Rural Fire District</i>	<i>Upgrade Main Station</i>	<i>520,000</i>
<i>Sardis Timmons ville Fire District</i>	<i>Station One Addition to Include Living Quarters and Training Facilities</i>	<i>150,000</i>
	<i>New Cartersville Station</i>	<i>750,000</i>
	<i>Timmons ville Rescue Squad Building</i>	<i>80,000</i>
	<i>Total Public Safety – Fire</i>	<i>\$18,445,000</i>

II. Public Safety – EMS

<u><i>Project Description</i></u>	<u><i>Cost</i></u>
<i>EMS Station Timmons ville</i>	<i>\$740,000</i>
<i>EMS Station Florence</i>	<i>740,000</i>
	<i>Total Public Safety – EMS</i>
	<i>\$1,480,000</i>

III. Emergency Management

<u><i>Project Description</i></u>	<u><i>Cost</i></u>
<i>Radio Upgrades and Improvements to all Emergency Management Facilities</i>	<i>\$15,000,000</i>
<i>New Emergency Operations Center Building</i>	<i>4,955,251</i>
	<i>Total Emergency Management</i>
	<i>\$19,955,251</i>

IV. Sheriff

<u><i>Project Description</i></u>	<u><i>Cost</i></u>
<i>Replacement of Boilers & Water Heaters at County Jail</i>	<i>\$800,000</i>
<i>Addition of Flex Units and Safety</i>	<i>189,600</i>

Upgrades at County Jail	
New Storage Building	160,000
New K-9 Training Facility	20,000

Renovations at Law Enforcement Center	800,000
---------------------------------------	---------

Total Sheriff **\$1,969,600**

V. County Administration

<u>Project Description</u>	<u>Cost</u>
Renovation of Vacated Space at County Complex	\$5,200,000

Total County Administration **\$5,200,000**

VI. Water and Sewer Improvements

<u>Project Description</u>	<u>Cost</u>
Town of Coward Salem Road/McAllister Mill Road/Sand Hills Water Loop	\$750,000
Town of Coward Union School Road Tie to Scranton Water System	240,000
City of Florence Add up to 50 Fire Hydrants on existing mains for Windy Hill Fire District	250,000
City of Florence Add up to 50 Fire Hydrants on existing mains for West Florence Fire District	250,000
City of Florence Add up to 50 Fire Hydrants on existing mains for Howe Springs Fire District	250,000
City of Lake City Indiantown Road/S. Cameron Road Water Loop	690,000
City of Lake City Burch Road/Old Georgetown Road/Camerontown Rd. Water Loop	593,000
City of Lake City Frierson Road/O'Shay Road Water Loop	250,000
Town Of Olanta Central Road/Hood St. Water Loop	440,000
Town Of Olanta Butler Scurry Road/McKenzie Road Water Loop	500,000
Town Of Olanta Olanta Fire Station Water Extension	65,000
Town of Scranton Anderson Bridge Road Water Extension	140,000

Total Water and Sewer Improvements **\$4,418,000**

VII. Veteran Affairs

<u>Project Description</u>	<u>Cost</u>
Veterans Affairs County Administration Building	1,200,000

Total Veteran Affairs **\$1,200,000**

VIII. Municipalities

<u>Project Description</u>	<u>Cost</u>
<i>City of Florence</i>	
<i>Road Improvements</i>	
<i>-- Corridor Enhancements (to include sidewalks, crossings, turn lanes, access, medians, and landscaping) to Dargan St. from Lucas St. to Cherokee Rd.; National Cemetery Rd. from Dargan St. to McCall Rd.; Vista St. from Dargan St. to Oakland Ave. and Sopkin St. from Oakland Ave. to Crown Cir.; Park Ave.; Pine St. from Dargan St. to McQueen St., then McQueen St. from Pine St. to Timrod Park Dr., then Cedar St. from McQueen St. to Park Ave. and Park Ave. from Cedar St. to Cherokee Rd.; E. Evans St. from N. Ravenel St. to Railroad Ave.; Irby St. from W. Cheves St. to Ashby Rd.; Darlington St. from Irby St. to Oakland Ave. and Oakland Ave. from Darlington St. to Norfolk St.</i>	<i>\$9,216,875</i>
<i>-- Intersection Improvements at Damon Dr. and Ansley St.; E. Palmetto St. Westbound at S. Church St.</i>	<i>1,031,250</i>
<i>-- Resurfacing of Malloy St. from Wilson Rd.; Spruce St. from Park Ave. to McQueen St.</i>	<i>340,625</i>
<i>-- Road Widening of Malloy St. from Maxwell St.; Roughfork St. and Maxwell St. from N. Irby St. to Malloy St.; S. Cashua Dr. from Palmetto St. to Second Loop Rd.; W. Sumter St. from N. Irby St. to N. Alexander St.; W. Radio Dr. from S. Ebenezer Rd. to David McLeod Blvd.; Woody Jones Blvd. from W. Radio Rd. to David McLeod Blvd.; Jarrott St. from Pine St. to National Cemetery Rd.; N. Alexander St. from Dixie St. to Darlington St.</i>	<i>9,125,625</i>
<i>Town of Timmonsville</i>	
<i>New Community Center</i>	<i>420,000</i>
<i>Magistrate's Building Renovations</i>	<i>180,000</i>
<i>Town of Pamplico</i>	
<i>Replace Pembroke Apt Pump Station</i>	<i>154,400</i>
<i>New Water Tank</i>	<i>873,280</i>
<i>Shirley Road Water Line</i>	<i>154,697</i>
<i>Water System Extension</i>	<i>1,706,720</i>
<i>Town of Olanta</i>	
<i>Waterworks and Sewer System Improvements</i>	<i>750,000</i>
<i>Municipal Building Improvements</i>	<i>130,000</i>
<i>City of Johnsonville</i>	
<i>Prosser Recreation Complex</i>	<i>800,000</i>
<i>Vox Water Line Project</i>	<i>4,378,000</i>
<i>Town of Coward</i>	
<i>New Water Tank</i>	<i>1,000,000</i>
<i>Expansion of Youth Baseball Field</i>	<i>200,000</i>
<i>Town of Quinby</i>	
<i>New Town Hall</i>	<i>360,000</i>
<i>Recreation/Community Building</i>	<i>720,000</i>

<i>Town of Scranton</i>	<i>Improvements to Scranton Nature Park</i>	<i>126,400</i>
	<i>Resurface Tennis Courts</i>	<i>32,000</i>
	<i>New Maintenance Building</i>	<i>349,600</i>
<i>City of Lake City</i>	<i>Water and Sewer Improvements</i>	<i>2,360,000</i>
	<i>Storm Water System Improvements</i>	<i>1,200,000</i>
	<i>New Water Tank</i>	<i>800,000</i>
	<i>New Multi Purpose Athletic Complex</i>	<i>400,000</i>
	<i>Renovation Building Housing the Lake City Chamber</i>	<i>160,000</i>
	<i>Roads and Parking Improvements at CJ Evans Field</i>	<i>400,000</i>
	Total Municipalities	\$37,369,472

IX. Florence County Recreation

<u>Project Description</u>	<u>Cost</u>
<i>Roads and other infrastructure for New Soccer Complex</i>	<i>\$1,040,000</i>
<i>Various Park Improvements to Include:</i>	
<i>Ebenezer Park Playground Fall Surface Upgrade</i>	<i>400,000</i>
<i>Lynches River Park Shade Structures</i>	
<i>Lake City Community Park Road Paving</i>	
<i>Lynches River Athletic Park Sardis Paving Entrance</i>	
<i>Friendship Park Renovations</i>	
Total Florence County Recreation	\$1,440,000

X. Lake City Community Hospital

<u>Project Description</u>	<u>Cost</u>
<i>Improvements to Main Hospital</i>	<i>\$888,000</i>
Total Lake City Community Hospital	\$888,000

XI. Lynches Lake-Camp Branch Watershed District

<u>Project Description</u>	<u>Cost</u>
<i>Drainage Improvements</i>	<i>\$80,000</i>
Total Lynches Lake-Camp Branch Watershed	\$80,000

XII. Road Paving and Drainage

<u>Project Description</u>	<u>Cost</u>
<i>Cato Road Paving</i>	<i>\$2,500,000</i>
<i>Moulds Road Paving</i>	<i>1,100,000</i>
<i>Country Lane Paving</i>	<i>1,400,000</i>
<i>Cherry Johnson Road Paving</i>	<i>1,900,000</i>
<i>Ball Park Road Paving</i>	<i>1,500,000</i>

<i>McLaurin Road</i>	<i>Paving</i>	<i>600,000</i>
<i>Highland Road</i>	<i>Paving</i>	<i>250,000</i>
<i>Laurel Circle</i>	<i>Paving</i>	<i>600,000</i>
<i>Law Road</i>	<i>Paving</i>	<i>1,100,000</i>
<i>Paving and/or relocation of Koppers/Estate Road or Young Road as determined by County Council to promote economic development</i>		<i>4,000,000</i>
<i>Brookgreen</i>	<i>Drainage</i>	<i>1,000,000</i>
<i>Foxcroft</i>	<i>Drainage</i>	<i>300,000</i>
Total Road Paving and Drainage		\$16,250,000

XIII. General Road Improvements

Paving, repaving, or otherwise improving (including without limitation the application of stone and crushed asphalt) the following roads:

<u>Project Description</u>	<u>Cost</u>
<i>Council District 1: Swan Rd. from Park Ave. to last house; Windright Rd. from Hwy 378 to Swann Rd.; Hickson Rd. from S. Powell Rd. to S. Locklair Rd.; Widow St. from W. Camp Branch Rd. to Jordan Rd.; Old McAllister Rd. from Jordan Rd. to Chandler Mill Rd.; Chandler Mill Rd. from N. Matthews Rd. to Old McAllister Rd.; Maxie Thomas Rd. from Morris St. to Moore St.; Maxie Thomas Rd. from Hwy 52 to last house; W. O'Shay Rd. from N. Matthews Rd. to Frierson Rd.; W. O'Shay Rd. from Frierson Rd. to last house; Frierson Rd. from W. Camp Branch Rd. to W. O'Shay Rd.; Zola Rd. from McCutcheon Rd. to Hanna Rd.; Miles Rd. from Hwy 378 to First Oxtown Rd.; Donald Rd. from Casselman Rd. to Miles Rd.; Rodman Rd. from Cockfield Rd. to Dory Rd.; Rodman Rd. from Dory Rd. to Cow Pasture Rd.; Rodman Rd. from McCutcheon Rd. to last house; Barr St. from Graham Rd. to end of road; Old Farm Rd. from Vox Hwy to last house; Lance St. from Acline St. to Kelly St.; Thomas St. from S. Church St. to CSX RR; Gracelyn Cir. from N. Matthews Rd.; Calvin St. from Gracelyn Cir.; Tupelo Rd. from Moore St. to end of road; Retha Dr. from Kelly St. to end of road; King St. from Nesmith St. to Charles St.; Major Rd. from Gray Rd. to end of road; Slocum Ln. from Gray Rd. to end of road; Dennis Rd. from Cooktown Rd. to Old South Rd.; Bayne Ln. from Beulah Rd. to E. Plantation Rd.; portion of E. Plantation Rd.; S. Acline St. from Fairview St. to Graham Rd.; Baker Rd. from N. Camerontown Rd. to end of road; Barnwell St. from Bozy Rd. to Lee St.; Blanche St. from Northside Ln. to end of road; Windham Rd. from Owens Dr. to Blanche St.; Hurst St. from School Dr. to end of road; Judy Rd. from Hwy 378 to end of road; N. Pecan Rd. from Hwy 341 to N. Camerontown Rd.; S. Pecan Rd. from Hwy 341 to end of road; S. Locklair Rd. from Hwy 341 to Hickson Rd.; Sunburst Dr. from Cooktown Rd. to end of road; Thirty Rd. from Thirty Five Rd. to end of road; Thirty Five Rd. from Green Haven Ave. to Davis St.; Tranquility Rd. from Cockfield Rd. to Tyler Rd.; W. Cole Rd. from Davis St. to Maxie Thomas Rd.; Lake City Landfill/Manned Convenience Center Rd. from Hwy 341 to end of road; Lake City Manned Convenience Service Area on Lake City Landfill Rd.; Sequoia Rd.; Camelot Way from N. Country Club Rd. to Scotland Rd.; Dogwood Ln. from S. Morris St. to Middlecoff Rd.; Lancelot Way from Scotland Rd. to end of road; Lockwood Rd. from Middlecoff Rd. to Dogwood Ln.; McFaddin St. from Wallace St. to Ida St.; Salters St. from Wallace St. to Ida St.; Byrd St. from School Dr. to end of road; Fountain St. from School Dr. to end of road; Hurst St. from Hwy 52 to end of road; Mill</i>	<i>\$4,033,853</i>

St. from N. Church St. to Ball Park Rd; N. Church St. (Scranton) from Mill St. to Railroad Ave.; School Dr. from Byrd St. to end of road; and parking and roads at Lake City Sports Complex from S. Blanding St. to Graham Rd.

Council District 2: Bluff Rd.; Evans Rd.; Belle Thompson Rd.; Ervin Thomas Rd.; Franks Rd.; Law Rd.; Ball Park Rd.; Old Springs Rd.; Freeport Rd.; Singletary Loop Rd.; Saddle Town Rd.; Mustang Rd.; Capitola Rd.; Dud Rd.; Lewis Ln.; Broken Branch Rd.; Wood Berry Rd.; Keith Rd.; Chestnut Rd.; Ashley Rd.; Glen Haven Rd.; and Dulie Ln. 4,033,853

Council District 3: Athens St.; Brunson St.; Dargan St. from Hwy 52 to Vista St.; Timmons St.; Bradford St.; Wilson St.; Liberty St.; Boyd St.; Commander St.; Vista St.; Light St.; Stackley St.; Hemingway St.; Marlboro St.; E. Marion St.; Freeman St.; Dixie St.; Ingram St.; Alexander St.; Harmony St.; Harrell St.; Lawson St.; Sanborn St.; N. McQueen St.; W. Marion St.; Pennsylvania St.; Carver St.; Gladstone St.; Fairfield Cir.; Waverly St.; Sidewalks on Irby St. from Wilson Road to Sam Harrell Rd.; Sidewalks on Dargan St. from Hwy 52 to Vista St.; Sidewalks on Roughfolk St.; Sidewalks on Sopkin Ave.; Widen entrance road to County Complex and bury adjacent power lines; and W. Louise Rd. 4,033,853

Council District 4: Van Houton Dr.; Alma Ln.; Willow Point Rd.; Pygate Rd.; Fork Rd.; Meadow Prong 2; Meadow Prong 1; Clyde McGee Rd.; Golden Gate Rd.; Ed James Rd.; Javelin Cir.; Johnson Rd.; Joe Nathan Ln.; Buckshot Rd.; Sims Rd.; Cubie Rd. 1; Cubie Rd. 2; Jenkins Nowlin Rd.; and Alvin Kirby Rd.; and Truck Route from Foxworth St. to Brockington St. in Timmonsville. 4,033,853

Council District 5: Horace Matthews Rd.; Carnell Dr.; S. Canal Dr.; Circle Dr.; Margo Ln.; Milestone Rd.; C. W. Robinson Rd.; Trails End Rd.; Dunlap Rd.; Sam Lee Rd.; S. Railroad Ave.; Java Rd.; Round Tree Rd.; E. Eagerton Rd.; Doric Rd.; Ben Gause Rd.; Silver Leaf Rd.; and Railroad Ave. (Scranton). 4,033,853

Council District 6: Charlie Cade Rd.; Coleman Rd.; Spring Branch Rd.; Willow Grove Rd.; Haven Rd.; Magic Dr.; Danielstown Rd.; Pepper Tree Rd.; Antique Cir.; Diamond Head Loop Rd.; Pecan Grove Rd.; Hosea Gibbs Rd.; Tabernacle Rd.; Boling Rd.; Cart Rd.; W. Turner Gate Rd.; Brick House Rd.; Eureka Rd.; Quail Harbor Cir.; Taylor Hill Cir.; James Town Rd.; Fleetwood Dr.; Ard St.; Wickerwood Rd.; Large Farm Rd.; Camp Wiggins Rd.; Horse Shoe Rd.; Benton Rd.; Freeman Ln.; Nita Cain Rd.; South Wind Rd.; and Gum Rd. 4,033,853

Council District 7: Hughes Cir. (off TV Rd.); Joan Rd. (off TV Rd.); John C. Calhoun Rd.; Wilson Rd.; Pocket Rd.; W. Black Creek Rd.; W. McIver Rd.; R. Bar M. Ranch Rd.; Tara Dr.; Raiford Ln.; Calvert's Ct.; Shamrock Rd.; and Clayton Ct. 4,033,853

Council District 8: Maulden Dr.; Crownland Estates; E. and W. Sandhurst Dr.; Stratford Cir.; Castleberry Dr.; Westmoreland Ave.; Devonshire Dr.; Longwood Dr.; Woods Dr.; Rosedale St.; St. Anthony Dr.; Jones Rd.; Winthrop Dr.; Progress St.; Lee St.; Saluda Ave.; Sewanee Ave.; Chestnut St.; Kalmia St.; Sesame St.; Cedar St. from Franklin to Adams Ave.; Waters Ave. from Park to Lawson; Sylvan Dr.; Cedar Lawn Court; Lakeside Drive; Richburg Ln.; Jeffries Ln.; Hondros Cir.; Constantine Dr.; Rollins Ave.; Fitz Randolph Cir.; Shore Ln.; Marion Ave.; Virginia Acres; Poinsette Ave.; Melrose Ave.; Courtland Ave.; Hillside Dr.; Wisteria Dr.; Margaret Dr.; 4,033,853

Dunvegan Rd.; Roseneath Rd.; Beverly Dr.; Alton Cir.; Lindberg Dr.; Woodstone Dr.; DeBerry Blvd.; Dorchester Rd.; Fairfax Rd.; Cherry Blossom Ln.; Valpariso Dr.; Wayne St.; Sweetbriar St.; Furman Dr.; Converse Dr. from Third Loop north; Gabel Ridge Dr.; Durant Dr.; Joseph Circle; Westminster Dr.; Langley Dr.; and Mayfair Terrace.

Council District 9: Hampton Pointe subdivision (Aberdeen Ct., Blaire Ct., Bridgeport Ct., Danvers Ct., New Gate Ct., Parliament Cir., S. Addison St., S. Barrington Dr., S. Brunswick Ct., S. Harrington Ct., Victoria Ct., W. Hampton Pointe Dr., and Winslow Ct.); Whitehall Annex subdivision (Albemarle Blvd., Banbury Cir., Bedford Ln., Milford Ln., South Arundel Dr., and St. James Ln.); Village Green and Waterford subdivisions (Greenview Dr., Key Largo Ct., and Waterford Dr.); Springdale and Villa Arno subdivisions (Guilford Cir., Perth St., Springfield St., Suffork Place, Strada Amore, Strada Gianna, Strada Mateo, and Via Ponteicello); Oak Forest subdivision (Alabama Ln., Arizona Way, California Rd., Florida Dr., Georgia Ct., Louisiana Ln., Oak Forest Blvd., Tennessee Terrace; Tex Rd., and Utah Ct.); Kelly Farms and Parkland subdivisions (Derby Dr., Kelly Farms Rd., Preakness Ln., W. Belmont Cir., Cottonwood Dr., Deerwood Place, Heathway Dr., Mosswood Dr., W. Delmae Dr., and Wethersfield Dr.); Heritage subdivision (Cow Pens Cir., Declaration Dr., Farm Quarter Rd., Independence Ave., and Indigo Place); Forest Lake and Forest Lake West subdivisions (Brock Cir., Ginny Ct., Julie Ln., Goff Ct., Lunn Dr., Madden Ln., Sliger Cove, Yeargin Cove, Young Charles Dr., Wanda Cove, Claude Douglas Cir., and Hepburn Blvd.); Dunwoody subdivision (Ashwood Ln., Aspen St., Dunwoody Rd., Evergreen Rd., and Periwinkle Ln.); Farmwood and Ferndale subdivisions (Farmwood Dr., Heather Dr., Patrick Dr., Boone Cir., and Corbett Place); Charters subdivision (Bristol St., Charters Dr., Claymount Ct., Cravenhurst Ct., Dominion Ct., Fairhaven Rd., and Magna Carta Rd.); Arrowood subdivision (Arrowhead Cir., Arrowood Dr., Falcon Way and Skylark Dr.); Chadwick Place (Britanna St., Chadwick Dr., Knights Bridge Rd., Lampley Way and Wetherby Ln.); Stratton Dr.; Pelican Ln.; W. Eagle St., Thunderbird Dr., Whitehall Cir; S. Peninsula Rd., McLaurin Dr.; installation of traffic signals at the intersection of Botany and Jefferson on W Palmetto St.; and installation of traffic signals at the intersection of Third Loop Rd. and McCown Dr.

4,033,853

Total General Road Improvements **\$36,304,677**

Grand Total of all projects **\$145,000,000**

And must Florence County Council be authorized to issue not exceeding \$125,000,000 principal amount of general obligation bonds of Florence County, provided that the proceeds of such bonds shall be applied to defray the costs of the foregoing purposes, plus issuance costs, and provided further that in the event the sales and use tax to be imposed as stated herein is inadequate for the payment of such bonds, such bonds shall be payable from an ad valorem tax imposed on all taxable property in Florence County?

The Council has determined that it is in the best interests of the County and its citizens to authorize the issuance of not exceeding \$125,000,000 general obligation bonds as authorized by the Referendum Question (the "Bonds") and to apply the proceeds of such bonds to defray the costs of the improvements described in the Referendum Question (the "Improvements") and costs of issuance thereof. The Council has made such determination after due investigation and has found that providing funding to the entities listed in the Referendum Question for the respective purposes listed therein will serve a public purpose and a corporate purpose of the County. The Bonds will be general obligations of the County and

secured by the full faith, credit and taxing power of the County, provided, however, that debt service thereon shall be additionally secured by a pledge of the proceeds of the one percent tax imposed in the County pursuant to the authority of the Sales Tax Act (the "CPST") remaining after deduction of administrative costs by the South Carolina Department of Revenue (the "Net Proceeds") and initially payable from the Net Proceeds of the CPST.

Section 1.02 Recital of Statutory Authorization.

Pursuant to the provisions of the County Bond Act, the County is authorized to issue general obligation bonds, the proceeds of which may be applied to any corporate purpose of the County.

Section 1.03 Recital of Applicable Constitutional Provisions.

Article X, §14 of the Constitution of the State of South Carolina, 1895, as amended, provides that after November 30, 1977, the governing body of any political subdivision may incur general obligation debt in an amount not exceeding eight percent of the assessed value of all taxable property of such political subdivision (the "Bonded Debt Limit") and upon such terms and conditions as the General Assembly of South Carolina may prescribe by general law. In addition, Article X, § 14(6) of the Constitution provides that general obligation debt authorized by a majority vote of the qualified electors of the political subdivision pursuant to a referendum shall not be considered in the computation of the Bonded Debt Limit. Inasmuch as the Bonds were approved by the qualified electors of the County pursuant to the Referendum, the Bonds shall not be chargeable against the constitutional debt limit of the County.

Section 1.04 Public Hearing.

Prior to third reading of this ordinance there shall be convened before the Council a public hearing on the question of the issuance of the Bonds.

[End of Article I]

ARTICLE II

DEFINITIONS AND CONSTRUCTION

Section 2.01 Definitions.

As used in this Ordinance unless the context otherwise requires, the following terms shall have the following respective meanings:

“Authorized Investments” mean and include such investments as are approved for political subdivision of the State pursuant to Sections 6-5-10 and 6-6-30, Code of Laws of South Carolina, 1976, as amended.

“Administrator” shall mean the County Administrator of the County.

“Authorized Officer” means the Chairman or the Vice Chairman of the Council and any other officer or employee of the County designated from time to time as an Authorized Officer by ordinance and when used with reference to any act or document also means any other person authorized by ordinance to perform such act or sign such document.

“Council” means the Florence County Council, the governing body of the County or any successor governing body of the County.

“Bond or Bonds” means any of the Bonds of the County authorized by this ordinance, and shall mean, as appropriate, Bonds of a particular Series issued under the authorization of this ordinance.

“Bond Counsel” means a firm of nationally recognized attorneys practicing in the field of municipal finance law retained by the County to serve as Counsel with respect to the issuance of the Bonds.

“Bondholder” or “Holder” or “Holders of Bonds” or “Owner” or similar term means, when used with respect to a Bond or Bonds, any person who shall be registered as the owner of any Bond Outstanding.

“Bond Payment Date” means each June 1 and December 1 on which interest on any of the Bonds shall be payable or on which both the Principal Installment or Redemption Price and interest shall be payable on any of the Bonds, or such other dates for payment of interest and/or Principal Installment and Redemption Price as shall be determined and designated by the Chairman of Council pursuant to Sections 3.02 and 3.03 hereof.

“Chairman” means the Chairman of the Council or, in his absence, the Vice Chairman.

“Continuing Disclosure Certificate” means that certificate, the form of which appears attached hereto as Exhibit C, which is to be executed by an Authorized Official and delivered at or prior to the closing of the Bonds as required by Securities and Exchange Commission Rule 15c2-12, as amended.

“Corporate Trust Office,” when used with respect to any Paying Agent or Registrar, means the office at which its principal corporate trust business shall be administered.

“County” means Florence County, South Carolina.

“County Administrator” means the individual hired by the Council to fulfill the duties of the County Administrator.

“County Request” means a written request of the County signed by an Authorized Officer.

“Enabling Act” means, as applicable, Chapter 15, Title 4, Code of Laws of South Carolina, 1976, as amended and supplemented by Title 11, Chapter 27, Code of Laws of South Carolina, 1976, as amended, and Sections 11-21-10 through 11-21-80, inclusive, incorporating Sections 11-15-410 through 11-15-600, inclusive, Code of Laws of South Carolina, 1976, as amended, and as amended and supplemented by Act No. 113 of the Acts and Joint Resolutions of 1999 of the General Assembly of South Carolina.

“Fiduciary” means the Paying Agent, the Registrar and their successors and assigns.

“Financial Advisor” means Davenport and Company or such other investment bank or other financial institution selected by the County to assist it with the issuance of the Bonds.

“Government Obligations” means and includes direct general obligations of the United States of America or agencies thereof or obligations, the payment of principal or interest on which is fully and unconditionally guaranteed by the United States of America.

“Improvements” shall have the meaning given in Section 1.01 herein.

“Ordinance” means this Ordinance as the same may be amended or supplemented from time to time in accordance with the terms hereof.

“Outstanding,” when used in this Ordinance with respect to Bonds means, as of any date, all Bonds theretofore authenticated and delivered pursuant to this ordinance except:

- (a) any Bond cancelled or delivered to the Registrar for cancellation on or before such date;
- (b) any Bond (or any portion thereof) deemed to have been paid in accordance with the provisions of Section 7.01 hereof; and
- (c) any Bond in lieu of or in exchange for which another Bond shall have been authenticated and delivered pursuant to Section 3.11 of the Ordinance.

“Paying Agent” means any bank, trust company or national banking association which is authorized, to pay the principal of or interest on a Series of Bonds and having the duties, responsibilities and rights provided for in this Ordinance, and its successor or successors and any other corporation or association which at any time may be substituted in its place pursuant to this Ordinance. The institution named as Paying Agent may also act as Registrar.

“Person” means an individual, a partnership, a corporation, a trust, a trustee, an unincorporated organization, or a government or an agency or political subdivision thereof.

“Principal Installment” means, as of any date of calculation, the principal amount of all Bonds due on a specified date.

“Record Date” means the 15th day immediately preceding each Bond Payment Date.

“Redemption Dates” means the dates upon which Bonds shall be subject to redemption.

“Redemption Price” when used with respect to a Bond or portion thereof to be redeemed, means the principal amount of such Bond or such portion thereof plus the applicable premium, if any, payable upon redemption thereof pursuant to this Ordinance.

“Registrar” means any bank, trust company, or national banking association which is authorized to maintain an accurate list of those who from time to time shall be the Holders of the Bonds of a Series and shall effect the exchange and transfer of Bonds in accordance with the provisions of this Ordinance and having the duties, responsibilities, and rights provided for in this Ordinance and its successor or successors and any other corporation or association which at any time may be substituted in its place pursuant to this Ordinance. The institution named as Registrar may also act as Paying Agent.

“Series” or “Series of Bonds” shall mean all of the Bonds authenticated and delivered on original issuance in a simultaneous transaction and designated as a single Series by the Chairman and County Administrator, and any Bonds thereafter authenticated and delivered in lieu of or in substitution for (but not to refund) such Bonds as herein provided, regardless of variations in maturity, interest rate or other provisions.

Section 2.02 Construction.

In this Ordinance, unless the context otherwise requires:

(a) Articles and Sections referred to by number shall mean the corresponding Articles and Sections of this Ordinance.

(b) The terms “hereby,” “hereof,” “hereto,” “herein,” “hereunder” and any similar terms refer to this Ordinance, and the term “hereafter” shall mean after, and the term “heretofore” shall mean before, the date of adoption of this Ordinance.

(c) Words of the masculine gender shall mean and include correlative words of the female and neuter genders, and words importing the singular number shall mean and include the plural number and vice versa.

(d) Any Fiduciary shall be deemed to hold an Authorized Investment in which money is invested pursuant to the provisions of this Ordinance, even though such Authorized Investment is evidenced only by a book entry or similar record of investment.

[End of Article II]

ARTICLE III

ISSUANCE OF BONDS

Section 3.01 Ordering the Issuance of Bonds.

Pursuant to the provisions of the Enabling Act, and for the purpose of obtaining funds to finance a portion of the costs of the Improvements and to pay costs of issuance, there shall be issued not exceeding in the aggregate One Hundred Twenty-Five Million Dollars (\$125,000,000) of general obligation bonds of the County. The principal amount, description and series designation of the Bonds shall be determined by the Chairman and County Administrator. The Bonds may be issued as a single series or as several series simultaneously or from time to time as determined by the Chairman and the County Administrator.

Section 3.02 Maturity Schedule of Bonds.

The Bonds shall bear interest at rates determined in the manner prescribed by Section 3.15 hereof. The Chairman and the County Administrator are hereby authorized to establish a maturity schedule for each Series, upon advice of the County's Financial Advisor and Bond Counsel, provided, however, that (i) the aggregate principal amount of the Bonds shall not exceed \$125,000,000, (ii) the maximum term of a Series does not exceed 20 years from the date of issuance thereof, and (iii) the first Bond Payment Date applicable to a Series is not more than 12 months from the date of issuance of such Series.

Section 3.03 Provision for Payment of Interest on the Bonds.

The Bonds shall be authenticated on such dates as they shall, in each case, be delivered. The original issue date of the Bonds shall be at the election of the Chairman either the date of delivery of the Bonds or the first or fifteenth day of the calendar month in which the Bonds are delivered. The Bonds shall bear interest from the June 1 or the December 1 to which interest has been paid next preceding the authentication date thereof, unless the authentication date thereof is a June 1 or a December 1, in which case, from such authentication date, or if dated prior to the first Bond Payment Date applicable thereto, then from the original issue date of the Bonds. The interest to be paid on any June 1 or December 1 shall be paid to the Person in whose name such Bond is registered at the close of business on the Record Date next preceding such June 1 or December 1. The foregoing notwithstanding, the County Administrator and the Chairman are hereby authorized to establish alternative interest payment dates for the Bonds.

Section 3.04 Medium of Payment; Form and Denomination of Bonds; Place of Payment of Principal.

(a) The Bonds shall be payable as to Principal Installment or Redemption Price and interest at the rates per annum determined in the manner prescribed by Section 3.15 hereof (on the basis of a 360-day year of twelve 30-day months) in any coin or currency of the United States of America which at the time of payment is legal tender for the payment of public and private debts.

(b) The Bonds shall be issued in the form of fully registered Bonds. The Bonds shall be issued in the denomination of \$5,000 or any whole multiple thereof, not exceeding the principal amount of the Bonds maturing in such year. The Bonds shall be numbered from 1 upwards in such fashion as to maintain a proper record thereof.

(c) The Principal Installment or Redemption Price of all Bonds shall be payable at the Corporate Trust Office of the Paying Agent and payment of the interest on each Bond shall be made by the Paying Agent to the Person appearing on each Record Date on the registration books of the County, which books shall be held by the Registrar as provided in Section 3.08 hereof, as the registered owner

thereof, by check or draft mailed to such registered owner at his address as it appears on such registration books in sufficient time to reach such registered owner on the Bond Payment Date. Payment of the Principal Installment or Redemption Price of all Bonds shall be made upon the presentation and surrender for cancellation of such Bonds as the same shall become due and payable.

Section 3.05 Agreement to Maintain Registrar and Paying Agent.

As long as any of the Bonds remain Outstanding there shall be a Registrar and a Paying Agent each of which shall be a financial institution maintaining Corporate Trust Offices where (i) the Bonds may be presented for registration of transfers and exchanges, (ii) notices and demands to or upon the County in respect of the Bonds may be served, and (iii) the Bonds may be presented for payment, exchange and transfer. Initially, the financial institution agreed upon by the County and the successful bidder at the sale of the Bonds shall act as both Paying Agent and Registrar. In the event of a failure to agree, a financial institution designated by the County shall act as Paying Agent and Registrar. The single institution so chosen shall exercise both the functions of the Paying Agent and the Registrar.

Section 3.06 Execution and Authentication.

(a) The Bonds shall be executed in the name and on behalf of the County by the manual signature of an Authorized Officer, with its corporate seal impressed thereon, and attested by the manual signature of its Clerk to Council or other Authorized Officer (other than the officer executing such Bonds). Bonds bearing the manual signature of any Person who shall have been such an Authorized Officer at the time such Bonds were so executed shall bind the County notwithstanding the fact that he may have ceased to be such Authorized Officer prior to the authentication and delivery of such Bonds or was not such Authorized Officer at the date of the authentication and delivery of the Bonds.

(b) No Bond shall be valid or obligatory for any purpose or shall be entitled to any right or benefit hereunder unless there shall be endorsed on such Bond a certificate of authentication in the form set forth in the Ordinance, duly executed by the manual signature of the Registrar and such certificate of authentication upon any Bond executed on behalf of the County shall be conclusive evidence that the Bond so authenticated has been duly issued hereunder and that the Holder thereof is entitled to the benefit of the terms and provisions of the Ordinance.

Section 3.07 Exchange of Bonds.

Bonds may, upon surrender thereof at the office of the Registrar with a written instrument of transfer satisfactory to the Registrar, duly executed by the registered Holder or his duly authorized attorney, at the option of the registered Holder thereof, be exchanged for an equal aggregate principal amount of Bonds in authorized denominations of the same interest rate and maturity. So long as any of the Bonds remain Outstanding, the County shall make all necessary provisions to permit the exchange of Bonds at the Corporate Trust Office of the Registrar.

Section 3.08 Transferability and Registry.

All Bonds shall at all times, when the same are Outstanding, be payable, both as to Principal Installment, Redemption Price and interest to a Person, and shall be transferable only in accordance with the provisions for registration and transfer contained in the Ordinance and in the Bonds. So long as any of the Bonds remain Outstanding, the County shall maintain and keep, at the office of the Registrar, books for the registration and transfer of Bonds, and, upon presentation thereof for such purpose at the Corporate Trust Office of the Registrar, the County shall register or cause to be registered therein, and permit to be transferred thereon, under such reasonable regulations as it or the Registrar may prescribe,

any Bond, except that under no circumstances shall any Bond be registered or transferred to bearer. So long as any of the Bonds remain Outstanding, the County shall make all necessary provisions to permit the transfer of Bonds at the Corporate Trust Office of the Registrar.

Section 3.09 Transfer of Bonds.

Each Bond shall be transferable only upon the books of the County, which shall be kept for such purpose at the Corporate Trust Office of the Registrar which shall be maintained for such purpose by the Registrar, upon presentation and surrender thereof by the Holder of such Bond in person or by his attorney duly authorized in writing, together with a written instrument of transfer satisfactory to the Registrar duly executed by the registered Holder or his duly authorized attorney. Upon surrender for transfer of any such Bond, the County shall execute and the Registrar shall authenticate and deliver, in the name of the Person who is the transferee, one or more new Bonds of the same aggregate principal amount and maturity and rate of interest as the surrendered Bond. All action taken by the Registrar pursuant to this section shall be deemed to be the action of the County.

Section 3.10 Regulations with Respect to Exchanges and Transfers.

All Bonds surrendered in any exchanges or transfers shall forthwith be cancelled by the Registrar. For each such exchange or transfer of Bonds, the County or the Registrar may make a charge sufficient to reimburse it or them for any tax, fee or other governmental charge required to be paid with respect to such exchange or transfer, which sum or sums shall be paid by the Holder requesting such exchange or transfer as a condition precedent to the exercise of the privilege of making such exchange or transfer. The County shall not be obligated to (i) issue, exchange or transfer any Bond during the 15 days next preceding any Bond Payment Date, (ii) issue, exchange or transfer any Bond during a period beginning at the opening of business 15 days next preceding any selection of Bonds to be redeemed and ending at the close of business on the date of the mailing of notice of such redemption, or (iii) transfer or exchange any Bonds called or being called for redemption in whole or in part.

Section 3.11 Mutilated, Destroyed, Lost and Stolen Bonds.

(a) If any mutilated Bond is surrendered to the Registrar and the Registrar or the County receive evidence to their satisfaction of the destruction, loss or theft of any Bond, and there is delivered to the Registrar or the County such security or indemnity as may be required by them to save each of them harmless, then, in the absence of notice that such Bond has been acquired by a bona fide purchaser, the County shall execute, and upon County Request, the Registrar shall authenticate and deliver, in exchange for any such mutilated Bond or in lieu of any such destroyed, lost or stolen Bond, a new Bond of like tenor, principal amount and redemption provisions, bearing a number unlike that of a Bond contemporaneously Outstanding. The Registrar shall thereupon cancel any such mutilated Bond so surrendered. In case any such mutilated, destroyed, lost or stolen Bond has become or is about to become due and payable, the County in its discretion may, instead of issuing a new Bond, pay such Bond.

(b) Upon the issuance of any new Bond under this Section 3.11, the County may require the payment of a sum sufficient to cover any tax, fee or other governmental charge that may be imposed in relation thereto and any other expenses, including counsel fees or other fees, of the County or the Registrar connected therewith.

(c) Each new Bond issued pursuant to this Section in lieu of any destroyed, lost or stolen Bond, shall constitute an additional contractual obligation of the County, whether or not the destroyed, lost or stolen Bond shall at any time be enforceable by anyone, and shall be entitled to all the benefits hereof equally and proportionately with any and all other Bonds duly issued pursuant to the Ordinance.

All Bonds shall be held and owned upon the express condition that the foregoing provisions are exclusive with respect to the replacement or payment of mutilated, destroyed, lost or stolen Bonds and shall preclude (to the extent lawful) all other rights or remedies with respect to the replacement or payment of mutilated, destroyed, lost or stolen Bonds or securities.

Section 3.12 Holder As Owner of Bond.

The County, the Registrar and any Paying Agent may treat the Holder of any Bond as the absolute owner thereof, whether such Bond shall be overdue or not, for the purpose of receiving payment of, or on account of, the Principal Installment or Redemption Price of and interest on such Bond and for all other purposes, and payment of the Principal Installment or Redemption Price and interest shall be made only to, or upon the order of, such Holder. All payments to such Holder shall be valid and effectual to satisfy and discharge the liability upon such Bond to the extent of the sum or sums so paid, and neither the County nor any Paying Agent shall be affected by any notice to the contrary.

Section 3.13 Cancellation of Bonds.

The Registrar shall destroy all Bonds surrendered to it for cancellation and shall deliver a certificate to that effect to the County. No such Bonds shall be deemed Outstanding under the Ordinance and no Bonds shall be issued in lieu thereof.

Section 3.14 Payments Due on Saturdays, Sundays and Holidays.

In any case where the Bond Payment Date or Redemption Date shall be a Saturday or Sunday or shall be, at the place designated for payment, a legal holiday or a day on which banking institutions are authorized by law to close, then payment of Redemption Price, interest on or Principal Installment of the Bonds need not be made on such date but may be made on the next succeeding business day not a Saturday, Sunday or a legal holiday or a day upon which banking institutions are authorized by law to close, with the same force and effect as if made on the Bond Payment Date and no interest shall accrue for the period after such date.

Section 3.15 Conditions Relating to Naming of Interest Rates.

The Bonds shall bear such rate or rates of interest as shall at the sale of such Bonds reflect the lowest true interest cost (TIC) or net interest cost (NIC) to the County, as determined by the Chairman and the County Administrator, upon advice of the Financial Advisor and Bond Counsel, at a price of not less than par, and further provided that:

- (a) all Bonds of the same maturity shall bear the same rate of interest;
 - (b) no rate of interest named shall be more than two per centum (2%) higher than the lowest rate of interest named, nor (unless determined otherwise by the Chairman and County Administrator, upon advice of the Financial Advisor) shall any rate of interest named be less than any rate of interest named for Bonds of an earlier maturity if such bonds are subject to optional redemption, if the Chairman and County Administrator are so advised by the Financial Advisor;
 - (c) each interest rate named shall be a multiple of 1/8th or 1/20th of one per centum (1%);
- and
- (d) any premium offered must be paid in cash as a part of the purchase price.

Section 3.16 Tax Exemption in South Carolina.

Both the Principal Installment or Redemption Price and interest on said Bonds shall be exempt from all State, County, Municipal, School District, and all other taxes or assessments of the State of South Carolina, direct or indirect, general or special, whether imposed for the purpose of general revenue or otherwise, except inheritance, estate, transfer or certain franchise taxes.

Section 3.17 Order of Tax Levy to Pay Principal and Interest of Bonds.

(a) For the payment of the Principal Installment and interest on the Bonds as the same respectively mature and for the creation of such sinking fund as may be necessary therefor, the full faith, credit and taxing power of the County are hereby irrevocably pledged, and there shall be levied annually by the County Auditor and collected by the County Treasurer, in the same manner as county taxes are levied and collected, a tax on all taxable property in the County, sufficient to pay the Principal Installment and interest on such Bonds as they respectively mature, and to create such sinking fund as may be necessary therefor. There are also pledged to secure the Bonds the Net Proceeds.

(b) The levy of ad valorem property taxes for payment of debt service on the Bonds shall be reduced in a given year in an amount which is equal to the aggregate value as of September 1 of that year of all securities and uninvested cash in the Capital Project Bond Debt Service Fund, the Reserve Fund and the Restricted Fund plus that amount which is equal to the average of the two most recent deposits of Net Proceeds received by the County Treasurer from the State (the "Levy Reduction Amount"). The County Treasurer shall notify the County Auditor no later than September 7 of each year in accordance with this paragraph and Section 6.03 of this Ordinance of the value of the Levy Reduction Amount. The County Auditor shall reduce the levy of ad valorem property taxes for payment of debt service on the Bonds accordingly. No adjustment of the ad valorem property tax levy shall be undertaken at any time during which the collection of the CPST has been suspended or terminated by a court of competent jurisdiction.

Section 3.18 Notice to Auditor and Treasurer to Levy Tax.

The County Auditor and County Treasurer shall each be notified of the issuance of the Bonds and directed to levy and collect, upon all taxable property in the County an annual tax sufficient to meet the payment of the Principal Installment and interest on said Bonds, as the same respectively mature, subject to the provisions in Section 3.17(b) above, and, as to the initial Series issued hereunder, to create the Capital Project Bond Debt Service Fund, the Reserve Fund and the Restricted Fund.

Section 3.19 Bonds Issued in Book-Entry Only Form.

(a) Notwithstanding any provision of this Ordinance to the contrary, the Bonds will initially be issued under the DTC Book-Entry-Only System in fully registered form, registered in the name of Cede & Co. as the registered owner and securities depository nominee of The Depository Trust Company, New York, New York ("DTC"), which will act as initial securities depository for the Bonds. Notwithstanding anything to the contrary herein, so long as the Bonds are being held under a book-entry system of a securities depository, transfers of beneficial ownership of the Bonds will be effected pursuant to rules and procedures established by such securities depository. DTC and any successor securities depositories are hereinafter referred to as the "Securities Depository." Cede & Co. and successor securities depository nominees are hereinafter referred to as the "Securities Depository Nominee."

(b) Notwithstanding any other provision of this Ordinance, as long as a book-entry system is in effect for the Bonds, the Securities Depository Nominee will be recognized as the holder of the Bonds for the purposes of (i) paying the principal, interest and redemption premium, if any, on such Bonds, (ii) if

Bonds are to be redeemed in part, selecting the portions of such Bonds to be redeemed, (iii) giving any notice permitted or required to be given to Bondholders under this ordinance, (iv) registering the transfer of Bonds, and (v) requesting any consent or other action to be taken by the holders of such Bonds, and for all other purposes whatsoever, and the County shall not be affected by any notice to the contrary.

(c) The County shall not have any responsibility or obligation to any participant, any beneficial owner or any other person claiming a beneficial ownership in any Bonds which are registered to a Securities Depository Nominee under or through the Securities Depository with respect to any action taken by the Securities Depository as holder of such Bonds.

(d) The County shall pay all principal, interest and redemption premium, if any, on Bonds issued under a book-entry system only to the Securities Depository or the Securities Depository Nominee, as the case may be, for such Bonds, and all such payments shall be valid and effectual to fully satisfy and discharge the obligations with respect to the principal of and redemption premium, if any, and interest on such Bonds.

(e) In the event that the Securities Depository for the Bonds discontinues providing its services, the County shall either engage the services of another Securities Depository or direct the Registrar and Paying Agent to authenticate, register and deliver physical certificates for the Bonds in exchange for the Bonds registered in the name of the Securities Depository Nominee in the manner prescribed in this Article III.

(f) In connection with any notice or other communication to be provided to the holders of Bonds by the County or by the Registrar and Paying Agent with respect to any consent or other action to be taken by the holders of Bonds, the County or the Registrar and Paying Agent, as the case may be, shall establish a record date for such consent or other action and give the Securities Depository Nominee notice of such record date not less than 15 days in advance of such record date to the extent possible.

(g) The closing of the Bonds may be accomplished under DTC's "FAST" procedures, in which circumstance delivery of the Bonds at closing shall be made to the Paying Agent for the Bonds.

(h) For as long as the Bonds are being held under a book-entry system of a securities depository, the County shall remit to the Paying Agent and Registrar by 1:00 p.m. New York Time on each Bond Payment Date funds for all principal and interest payments due thereupon, or at such earlier time as required by the Paying Agent and Registrar to guarantee that DTC or successor Securities Depository will receive payment in same-day funds by 2:30 p.m. New York time on such Bond Payment Date. In addition, automated payment details receipt shall be provided by the Paying Agent by 12:00 noon New York time of each Bond Payment Date for interest payments.

Section 3.20 Form of Bonds.

The form of the Bonds and registration provisions to be endorsed thereon shall be substantially as set forth in Exhibit A attached hereto and made a part of this Ordinance.

Section 3.21 Bonds Issued as Single Instrument.

Notwithstanding any provision of this Ordinance to the contrary, the Bonds authorized hereby, if so determined by the Chairman upon advice of the Financial Advisor, may be issued in the form of a single Bond. In the event the Bond is issued as a single Bond, the following shall apply:

(a) The dated date of the Bond shall be the date of its delivery, and the Bond shall bear interest from such date;

(b) The Chairman may require that the Bond bear a single, fixed rate of interest.

(c) No bidder shall be required to submit a good faith check with its bid;

(d) The form of the Bond as set forth in Exhibit A hereto and the Notice of Sale as set forth in Exhibit B hereto shall be appropriately modified, and any advertisement of the sale of the Bond required by the Enabling Act and Section 5.01 hereof may be published in any newspaper of general circulation in the State of South Carolina;

(e) The County Treasurer of Florence County shall serve as Paying Agent for the Bond and the County, acting through the Clerk to Council, shall serve as Registrar for the Bond, provided that neither the County Treasurer of Florence County nor the Clerk to Council shall be deemed to be a Fiduciary within the meaning of Article VIII herein;

(f) If so determined by the Chairman, the Bond shall not be issued in book-entry only form, and, in lieu thereof, shall be registered in the name of the Holder as directed by the purchaser thereof.

(g) An official statement need not be prepared in connection with the sale of the Bond pursuant to this Section 3.21, and, in which case, the delivery of the Bond shall be conditioned upon the delivery by the purchaser thereof at closing of a certificate in form satisfactory to Bond Counsel regarding the suitability of the purchaser and restrictions on transfer of the Bond. The County shall not in such case be obligated to deliver a continuing disclosure certificate as otherwise provided in Exhibit C hereto.

[End of Article III]

ARTICLE IV

REDEMPTION OF BONDS

Section 4.01 Bonds Subject to Redemption.

One or more Series of Bonds may be made subject to redemption if so determined by the Chairman and Administrator, upon advice of the Financial Advisor. In such case, the Chairman and County Administrator shall establish the Redemption Dates upon which such Bonds shall be subject to redemption and the Redemption Prices, not to exceed 102% of par, which shall be paid to Holders upon redemption.

Section 4.02 County's Election to Redeem.

In the event that the County shall, in accordance with the provisions of Section 4.01, elect to redeem Bonds, it shall give notice by County Request to the Registrar and Paying Agent of each optional redemption. Each County Request shall specify the date fixed for redemption and the Bonds which are to be redeemed. Such notice shall be given at least 60 days prior to the date fixed for redemption or such lesser number of days as shall be acceptable to the Registrar.

Section 4.03 Notice of Redemption.

(a) When any Bonds are to be redeemed, the Registrar shall give notice of the redemption of the Bonds in the name of the County specifying: (i) the Series of Bonds and maturities thereof to be redeemed; (ii) the Redemption Date; (iii) the Redemption Price; (iv) the numbers and other distinguishing marks of the Bonds to be redeemed unless all of the Bonds Outstanding are to be redeemed; (v) the place or places where amounts due upon such redemption will be payable; and (vi) in the case of Bonds to be redeemed in part only, the respective portions of the principal thereof to be redeemed. Such notice shall further state that on such date there shall become due and payable upon each Bond to be redeemed the Redemption Price thereof, together with interest accrued to the redemption date, and that, from and after such date, interest thereon shall cease to accrue. The Registrar shall mail by registered mail a copy of such notice, postage prepaid, not less than 30 days before the redemption date to the registered Holders of all Bonds or portions of Bonds which are to be redeemed at their addresses which appear upon the registration books, but failure to so mail any such notice to any of such Holders shall not affect the validity of the proceedings for the redemption of Bonds held by Holders to whom written notice has been mailed. The obligation of the Registrar to give the notice required by this Section shall not be conditioned upon the prior payment to the Paying Agent of money or the delivery to the Paying Agent of Authorized Investments or Government Obligations sufficient to pay the Redemption Price of the Bonds to which such notice relates or the interest thereon to the redemption date. Interest on the Bonds to be redeemed shall cease to accrue from and after the redemption date specified in such notice, unless the County defaults in making due provision for the payment of the redemption price thereof.

(b) Notice of redemption having been given as provided in subsection (a) hereof, the Bonds or portions thereof so to be redeemed shall, on the date fixed for redemption, become due and payable at the Redemption Price specified therein plus accrued interest to the redemption date, and upon presentation and surrender thereof at the place specified in such notice, such Bonds or portions thereof shall be paid at the Redemption Price, plus accrued interest to the redemption date. On and after the redemption date (unless the County shall default in the payment of the Redemption Price and accrued interest), such Bonds shall cease to bear interest, and such Bonds shall no longer be considered as Outstanding hereunder. If money sufficient to pay the Redemption Price and accrued interest has not been made available by the County to the Paying Agent on the redemption date, such Bonds shall

continue to bear interest until paid at the same rate as they would have borne had they not been called for redemption until the same shall have been paid.

Section 4.04 Selection by Registrar of Bonds to Be Redeemed.

(a) If less than all of the Bonds of like maturity are to be redeemed, the particular Bonds or portions of Bonds to be redeemed shall be selected, not less than 45 days prior to the date fixed for redemption, by the Registrar by lot or in such other manner as the Registrar may deem to be appropriate, provided, however, that for so long as the Bonds are held in book-entry only form, the selection of Bonds to be redeemed hereunder shall be in accordance with the rules of the Securities Depository.

(b) In making such selection, the Registrar shall treat each Bond to be redeemed as representing that number of Bonds of the lowest authorized denomination as is obtained by dividing the principal amount of such Bond by such denomination. If any Bond is to be redeemed in part, the portion to be so redeemed shall be in a principal amount of an authorized denomination.

(c) The Registrar shall promptly notify the County in writing of the Bonds so selected for redemption.

Section 4.05 Deposit of Redemption Price.

On or before any date fixed for redemption of any Bonds, cash and/or a principal amount of non-callable Government Obligations maturing or redeemable at the option of the Holder thereof not later than the date fixed for redemption which, together with income to be earned on such Government Obligations prior to such date fixed for redemption, will be sufficient to provide cash to pay the Redemption Price of and accrued interest on all Bonds or portions thereof which are to be redeemed on such date, shall be deposited with the Paying Agent unless such amount shall have been previously deposited with the Paying Agent.

Section 4.06 Partial Redemption of Bonds.

In the event part but not all of a Bond Outstanding shall be selected for redemption, upon presentation and surrender of such Bond by the Holder thereof or his attorney duly authorized in writing (with, if the County or the Registrar so requires, due endorsement by, or a written instrument of transfer in form satisfactory to the County and the Registrar duly executed by, the Holder thereof or his attorney duly authorized in writing) to the Registrar, the County shall execute and the Registrar shall authenticate and deliver to or upon the order of such Holder, without charge therefor, for the unredeemed portion of the principal amount of the Bond so surrendered, a Bond or Bonds of any authorized denomination of like tenor. Bonds so presented and surrendered shall be cancelled in accordance with Section 3.13 hereof.

Section 4.07 Purchases of Bonds Outstanding.

Purchases of Bonds Outstanding may also be made by the County at any time with money available to it from any source. Upon any such purchase the County shall deliver such Bonds to the Registrar for cancellation.

[End of Article IV]

ARTICLE V

SALE OF BONDS

Section 5.01 Determination of Time to Receive Bids - Form of Notice of Sale.

The Bonds shall be sold at public sale, at not less than par and accrued interest to the date of delivery. Bids shall be received until 11:00 a.m. (local time) on a date to be selected by the Chairman and County Administrator. The said Bonds shall be advertised for sale in THE BOND BUYER, THE STATE, THE GREENVILLE NEWS, or such other publication of applicable circulation as the Chairman and County Administrator shall determine, which advertisement shall appear at least once, not less than seven (7) days before the date set for said sale. The form of the Official Notice of Sale as to the Bonds and the conditions of sale shall be substantially those set forth in Exhibit B attached hereto and made a part and parcel hereof with such changes, not inconsistent with the general terms of this Ordinance, as shall be approved by the Chairman and County Administrator; provided, however, that a summary of that appearing as Exhibit B may be published at the election of the Chairman and County Administrator in lieu of publication of the full Notice.

Section 5.02 Award of Bonds.

Upon receipt of bids for the Bonds, the Administrator is authorized to award the Bonds to the bidder offering the lowest true interest cost or net interest cost therefore. The County Administrator is further authorized to name the Registrar and the Paying Agent of the Bonds in accordance with Section 3.05

Section 5.03 Official Statement.

The County Administrator is authorized to prepare and cause to be distributed in connection with the sale of the Bonds an Official Statement, and he is further authorized to "deem final" a preliminary Official Statement within the meaning of Rule 15c2-12 of the Securities and Exchange Commission and cause the same to be distributed prior to the sale of the Bonds. The preliminary Official Statement may be distributed in electronic format.

[End of Article V]

ARTICLE VI

DISPOSITION OF PROCEEDS OF SALE OF BONDS; DEBT SERVICE FUND

Section 6.01 Deposit of Proceeds.

Upon the delivery of the Bonds, the County Treasurer shall establish the Capital Project Bond Proceeds Fund, the Reserve Fund and the Restricted Fund. The proceeds derived from the sale of the Bonds shall be paid to the County Treasurer and shall be expended and made use of by the County as follows:

- (a) Any premium shall be applied to the payment of the first installment of principal of the Bonds.
- (b) The remaining proceeds of the Bonds shall be placed into the Capital Project Bond Proceeds Fund and applied to defray the costs of the Improvements and to pay costs of issuance of the Bonds. Pending the expenditure of the proceeds of the Bonds for such purposes, the same shall be invested in Authorized Investments. Investment earnings derived from Bond proceeds shall be applied to defray Costs of Improvements.
- (c) Once all Improvements have been funded to the extent shown in the Referendum Question (or, in any case, such lesser amount as shall be sufficient to complete a given Improvement), funds which remain available shall be applied to complete projects then not completed in the order of priority shown on the Referendum Question, beginning with item I.
- (d) If any balance remains, it shall be held by the Florence County Treasurer, South Carolina, in a special fund and shall be applied in accordance with Sections 4-10-340(c)(1) and (2) of the Sales Tax Act.

Provided, that neither the purchaser nor any Holder of the Bonds or any Notes shall be liable for the proper application of the proceeds thereof.

Section 6.02 Capital Project Bond Debt Service Fund; Reserve Fund and Restricted Funds.

- (a) Except as provided in Sections 6.02(b) and 6.02(c) herein, all Net Proceeds received by the County shall be deposited into the Capital Project Bond Debt Service Fund established hereby and held by the County Treasurer. Pending expenditure, amounts on deposit in the Capital Project Bond Debt Service Fund shall be invested by the County Treasurer in Authorized Investments. All investment earnings derived from the Capital Project Bond Debt Service Fund shall be credited thereto and held therein until all Bonds have been paid, or upon order of the Council, applied to pay costs of Improvements in accordance with Section 6.01(d).
- (b) At any time at which the balance in the Capital Project Bond Debt Service Fund exceeds the total principal and interest due on Bonds in the next following thirteen months, all monies in excess of such amount shall be transferred to the Reserve Fund established hereby and held by the County Treasurer. Amounts in the Reserve Fund shall be invested by the County Treasurer in Authorized Investments. At any time at which the balance in the Capital Project Debt Service Fund is less than the maximum permitted balance therefor as provided in this Section 6.02(b), the difference shall be transferred from the Reserve Fund to the Capital Project Bond Debt Service Fund.

(c) At any time at which the balance in the Reserve Fund exceeds ten percent of the aggregate par amount of the Bonds as issued, all monies in excess of such amount shall be transferred to the Restricted Fund established hereby and held by the County Treasurer. Amounts in the Restricted Fund shall be invested in Authorized Investments, and, as advised by Bond Counsel, restricted as to yield so as to preserve the tax-exempt status of the Bonds. At any time at which the balance in the Reserve Fund is less than the maximum permitted balance therefor as provided in this Section 6.02(c), the difference shall be transferred from the Restricted Fund to the Reserve Fund. At any time the Capital Project Bond Debt Service Fund and the Reserve Fund are funded in the amounts set forth in Section 6.02(b) and Section 6.02(c), respectively, any amounts in the Restricted Fund may be applied to the costs of Improvements as more fully set forth in Section 3.8 of the Initial Ordinance.

(d) The maximum balances permitted to be held in the Capital Project Debt Service Fund and the Reserve Fund may be adjusted by the County Treasurer at any time when, in the opinion of Bond Counsel, such adjustment is necessary to preserve the tax-exempt status of interest on the Bonds, or, without threatening such status, will be in the best interests of the County.

(e) At such time as the County has collected sufficient Net Proceeds to pay all remaining Principal Installments of and interest on the Bonds or has defeased the Bonds, any remaining funds may be applied in accordance with Sections 6.01(c) and 6.01(d) or for any lawful purpose.

Section 6.03 Disbursements From Capital Project Bond Proceeds Funds.

Amounts required to pay costs of issuance of the Bonds shall be disbursed from the Capital Project Bond Proceeds Fund upon requisition of the County Administrator. Amounts required to pay Costs of Improvements shall be disbursed upon delivery to the County Treasurer of the following documents:

(a) A requisition (upon which the County may conclusively rely and shall be protected in relying thereon) setting forth (i) the name and address of the person to whom the disbursement is due and payable; (ii) the total amount of the requested disbursement; (iii) a statement that the total disbursement therein requested is for an obligation properly incurred with respect to an Improvement that is the responsibility of the Bond Proceeds Recipient which submitted the requisition, and that the obligation has not been the basis of any previous requisition; (iv) the nature of the obligation for which the disbursement is requested; and (v) a copy of the bill or statement of account for each obligation for which disbursement is requested.

(b) Written approval by the County Administrator of the requisition described in (a) above.

(c) A certificate of the Bond Proceeds Recipient covenanting to comply with the covenants herein relating to the maintenance of the tax-exempt status of the Bonds.

[End of Article VI]

ARTICLE VII

DEFEASANCE OF BONDS

Section 7.01 Discharge of Ordinance - Where and How Bonds are Deemed to Have Been Paid and Defeased.

If all of the said Bonds issued pursuant to this Ordinance and all interest thereon shall have been paid and discharged, then the obligations of the County under this Ordinance and all other rights granted hereby shall cease and determine. The Bonds shall be deemed to have been paid and discharged within the meaning of this Article under each of the following circumstances, viz:

(a) The Paying Agent shall hold, at the stated maturities of the Bonds, in trust and irrevocably appropriated thereto, sufficient moneys for the payment of the Principal Installment and interest thereof; or

(b) If default in the payment of the principal of the Bonds or the interest thereon shall have occurred on any Bond Payment Date, and thereafter tender of such payment shall have been made, and at such time as the Paying Agent shall hold in trust and irrevocably appropriated thereto, sufficient moneys for the payment thereof to the date of the tender of such payment; or

(c) If the County shall elect to provide for the payment of the Bonds prior to their stated maturities and shall have deposited with the Paying Agent in an irrevocable trust moneys which shall be sufficient, or Government Obligations, the principal of and interest on which when due will provide moneys, which together with moneys, if any, deposited with said Paying Agent at the same time, shall be sufficient to pay when due the Principal Installment or Redemption Price and interest due and to become due on the Bonds on and prior to their maturity dates or redemption dates, as the case may be. In the event that the County shall elect to redeem Bonds prior to their stated maturities, the County shall proceed in the manner prescribed by Article IV hereof, subject to the provisions of Section 3.19 in the event that at the time of such election the Bonds Outstanding are issued in book-entry only form.

Neither the Government Obligations nor moneys deposited with the Paying Agent pursuant to this Section nor the principal or interest payments thereon shall be withdrawn or used for any purpose other than, and shall be held in trust for, the payment of the Principal Installment or Redemption Price, and interest on said Bonds; provided that any cash received from such principal or interest payments on Government Obligations deposited with the Paying Agent, if not then needed for such purpose, shall, to the extent practicable, be invested and reinvested in Government Obligations maturing at times and in amounts sufficient to pay when due the Principal Installment or Redemption Price, and interest to become due on said Bonds on and prior to the maturity date or redemption date thereof, as the case may be, and interest earned from such reinvestments not required for the payment of the Principal Installment or Redemption Price, and interest may be paid over to the County, as received by the Paying Agent, free and clear of any trust, lien or pledge.

[End of Article VII]

ARTICLE VIII

CONCERNING THE FIDUCIARIES

Section 8.01 Fiduciary: Appointment and Acceptance of Duties.

The financial institution chosen pursuant to Section 3.05 hereof to act initially as Paying Agent and Registrar hereunder shall accept the duties and trusts imposed upon it by the Ordinance and shall agree in writing to perform such trusts but only upon the terms and conditions set forth in this Article VIII. Similarly, each financial institution appointed as a successor Registrar or as a successor Paying Agent shall signify its acceptance of the duties and trusts imposed by the Ordinance by a written acceptance.

Section 8.02 Responsibilities of Fiduciaries.

The recitals of fact herein and in the Bonds contained shall be taken as the statements of the County and no Fiduciary assumes any responsibility for the correctness of the same except in respect of the authentication certificate of the Registrar endorsed on the Bonds. No Fiduciary makes any representations as to the validity or sufficiency of the Ordinance or of any Bonds or as to the security afforded by the Ordinance, and no Fiduciary shall incur any liability in respect thereof. No Fiduciary shall be under any responsibility or duty with respect to the application of any moneys paid to any other Fiduciary. No Fiduciary shall be under any obligation or duty to perform any act which would involve it in expense or liability or to institute or defend any suit in respect hereof or to advance any of its own moneys, unless indemnified to its reasonable satisfaction. No Fiduciary shall be liable in connection with the performance of its duties hereunder except for its own negligence or willful misconduct.

Section 8.03 Evidence on Which Fiduciaries May Act.

(a) Each Fiduciary, upon receipt of any notice, Ordinance, request, consent order, certificate, report, opinion, bond, or other paper or document furnished to it pursuant to any provision of the Ordinance, shall examine such instrument to determine whether it conforms to the requirements of the Ordinance and shall be protected in acting upon any such instrument believed by it to be genuine and to have been signed or presented by the proper party or parties. Each Fiduciary may consult with counsel, who may or may not be of counsel to the County, and the opinion of such counsel shall be full and complete authorization and protection in respect of any action taken or suffered by it under the Ordinance in good faith and in accordance therewith.

(b) Whenever any Fiduciary shall deem it necessary or desirable that a matter to be proved or established prior to taking or suffering any action under the Ordinance, such matter (unless other evidence in respect thereof be therein specifically prescribed) may be deemed to be conclusively proved and established by a certificate of an Authorized Officer, and such certificate shall be full warrant for any action taken or suffered in good faith under the provisions of the Ordinance upon the faith thereof; but in its discretion the Fiduciary may in lieu thereof accept other evidence of such fact or matter or may require such further or additional evidence as to it may deem reasonable.

(c) Except as otherwise expressly provided in the Ordinance any request, order, notice or other direction required or permitted to be furnished pursuant to any provision thereof by the County to any Fiduciary shall be sufficiently executed if executed in the name of the County by an Authorized Officer.

Section 8.04 Compensation.

The County shall pay to each Fiduciary from time to time reasonable compensation based on the then standard fee schedule of the Fiduciary for all services rendered under the Ordinance, and also all reasonable expenses, charges, counsel fees and other disbursements, including those of its attorneys, agents, and employees, incurred in and about the performance of their powers and duties under the Ordinance. Subject to the provisions of Section 8.02 hereof, the County further agrees to indemnify and save each Fiduciary harmless against any liabilities which it may incur in the exercise and performance of its powers and duties hereunder and which are not due to its negligence or willful misconduct; provided, however, that any specific agreement between the County and a Fiduciary with respect to the compensation of such Fiduciary shall control the compensation to be paid to such Fiduciary.

Section 8.05 Certain Permitted Acts.

Any Fiduciary may become the owner or underwriter of any Bonds, notes or other obligations of the County or conduct any banking activities with respect to the County, with the same rights it would have if it were not a Fiduciary. To the extent permitted by law, any Fiduciary may act as depositary for, and permit any of its officers or directors to effect or aid in any reorganization growing out of the enforcement of the Bonds or the Ordinance.

Section 8.06 Resignation of Any Fiduciary.

Any Fiduciary may at any time resign and be discharged of the duties and obligations created by the Ordinance by giving not less than 60 days written notice to the County and not less than 30 days written notice to the Holders of the Bonds as established by the books of registration prior to the next succeeding Bond Payment Date and such resignation shall take effect upon the date specified in such notice unless previously a successor shall have been appointed by the County pursuant to Section 8.08 hereof in which event such resignation shall take effect immediately on the appointment of such successor. In no event, however, shall such a resignation take effect until a successor has been appointed.

Section 8.07 Removal of Fiduciary.

Any Fiduciary may be removed at any time by an instrument or concurrent instruments in writing, filed with the County and such Fiduciary, and signed by the Bondholders representing a majority in principal amount of the Bonds then Outstanding or their attorneys in fact duly authorized, excluding any Bonds held by or for the account of the County.

Section 8.08 Appointment of Successor Fiduciaries.

In case any Fiduciary hereunder shall resign or be removed, or be dissolved, or shall be in the course of dissolution or liquidation, or otherwise become incapable of acting hereunder, or in case it shall be taken under the control of any public officer or officers, or of a receiver appointed by a court, a successor shall be appointed by the County. Every such Fiduciary appointed pursuant to the provisions of this Section shall be a trust company or bank organized under the laws of the United States of America or any state thereof and which is in good standing, within or outside the State of South Carolina, having a stockholders' equity of not less than \$50,000,000 if there be such an institution willing, qualified and able to accept the trust upon reasonable and customary terms.

If in a proper case no appointment of a successor Fiduciary shall be made by the County pursuant to the foregoing provisions of this Section within 45 days after any Fiduciary shall have given to the County written notice as provided in Section 8.06 hereof or after a vacancy in the office of such Fiduciary

shall have occurred by reason of its removal or inability to act, the former Fiduciary or any Bondholder may apply to any court of competent jurisdiction to appoint a successor. Said court may thereupon, after such notice, if any, as such court may deem proper, appoint a successor.

Section 8.09 Transfer of Rights and Property to Successor.

Any successor Fiduciary appointed under the Ordinance shall execute, acknowledge and deliver to its predecessor, and also to the County, an instrument accepting such appointment, and thereupon such successor, without any further act, deed or conveyance, shall become fully vested with all moneys, estates, properties, rights, powers, duties and obligations of such predecessor Fiduciary, with like effect as if originally named in such capacity; but the Fiduciary ceasing to act shall nevertheless, on the written request of the County, or of the successor, execute, acknowledge and deliver such instruments of conveyance and further assurance and do such other things as may reasonably be required for more fully and certainly vesting and confirming in such successor all the right, title and interest of the predecessor Fiduciary in and to any property held by it under the Ordinance, and shall pay over, assign and deliver to the successor Fiduciary any money or other property subject to the trusts and conditions herein set forth. Should any deed, conveyance or instrument in writing from the County be required by such successor Fiduciary for more fully and certainly vesting in and confirming to such successor any such estates, rights, powers and duties, any and all such deeds, conveyances and instruments in writing shall, on request, and so far as may be authorized by law, be executed, acknowledged and delivered by the County. Any such successor Fiduciary shall promptly notify the Paying Agent and Depositaries, if any, of its appointment as Fiduciary.

Section 8.10 Merger or Consolidation.

Any company into which any Fiduciary may be merged or converted or with which it may be consolidated or any company resulting from any merger, conversion or consolidation to which it may be party or any company to which any Fiduciary may sell or transfer all or substantially all of its corporate trust business, provided such company shall be a bank or trust company organized under the laws of any state of the United States or a national banking association, and shall be authorized by law to perform all the duties imposed upon it by the Ordinance, shall be the successor to such Fiduciary without the execution or filing of any paper or the performance of any further act.

Section 8.11 Adoption of Authentication.

In case any of the Bonds contemplated to be issued under the Ordinance shall have been authenticated but not delivered, any successor Registrar may adopt the certificate of authentication of any predecessor Registrar so authenticating such Bonds and deliver such Bonds so authenticated. In case any such Bonds shall not have been authenticated, any successor Registrar may authenticate such Bonds in the name of the predecessor Registrar or in the name of the successor Registrar, and in all such cases such certificate shall be of full force and effect.

[End of Article VIII]

ARTICLE IX

FEDERAL TAX CONSIDERATIONS

Section 9.01 Compliance with the Code.

The County will comply with all requirements of the Code in order to preserve the tax-exempt status of the Bonds, including without limitation, the requirement to file the information report 8038-G with the Internal Revenue Service. In this connection, the County covenants to execute any and all agreements, certificates and other documentation as it may be advised by bond counsel will enable it to comply with this Section, and such agreements, certificates and other documentation may be executed by an Authorized Officer and by the County Administrator or either of them.

The County hereby represents and covenants that it will not take any action which will, or fail to take any action which failure will, cause interest on the Bonds to become includable in the gross income of the Holder thereof for federal income tax purposes pursuant to the provisions of the Code and regulations promulgated thereunder in effect on the date of original issuance of Bonds. Without limiting the generality of the foregoing, the County represents and covenants that:

(a) All property provided or refinanced by the net proceeds of the Bonds will be owned by the County in accordance with the rules governing the ownership of property for federal income tax purposes.

(b) The County shall not permit the proceeds of the Bonds or any facility refinanced with the proceeds of the Bonds to be used in any manner that would result in (a) ten percent (10%) or more of such proceeds being considered as having been used directly or indirectly in any trade or business carried on by any natural person or in any activity carried on by a person other than a natural person other than a governmental unit as provided in Section 141(b) of the Code, or (b) five percent (5%) or more of such proceeds being considered as having been used directly or indirectly to make or finance loans to any person other than a governmental unit as provided in Section 141(c) of the Code.

(c) The County is not a party to nor will it enter into any contracts with any person for the use or management of any facility refinanced with the proceeds of the Bonds that do not conform to the guidelines set forth in Revenue Procedure 97-13, as may be subsequently modified by applicable pronouncements of the United States Treasury Department.

(d) The County will not sell or lease any property refinanced by the Bonds to any person unless it obtains the opinion of nationally recognized bond counsel that such lease or sale will not affect the tax exemption of the Bonds.

(e) The Bonds will not be federally guaranteed within the meaning of Section 149(b) of the Code. The County has not entered into any leases or sales or service contract with any federal government agency and will not enter into any such leases or contracts unless it obtains the opinion of nationally recognized bond counsel that such action will not affect the tax exemption of the Bonds.

Section 9.02 Ability to Meet Arbitrage Requirements.

Careful consideration has been given to the time in which the expenditures will be made. It has been ascertained that all of the money received from the proceeds of the Bonds will be expended within the limitations imposed by Section 148 of the Code and the Treasury regulations promulgated pursuant thereto. Accordingly, the Council will be able to certify upon reasonable grounds that the Bonds herein provided for are not "arbitrage bonds" within the meaning of Section 148 of the Code.

[End of Article IX]

ARTICLE X

MISCELLANEOUS

Section 10.01 Failure to Present Bonds.

Anything in this Ordinance to the contrary notwithstanding, any money held by the Paying Agent in trust for the payment and discharge of any of the Bonds, or the interest thereon, which remains unclaimed for such period of time, after the date when such Bonds have become due and payable, either at their stated maturity dates or by call for earlier redemption, that the Holder thereof shall no longer be able to enforce the payment thereof, the Paying Agent shall at the written request of the County pay such money to the County as its absolute property and free from trust, and the Paying Agent shall thereupon be released and discharged with respect thereto and the Bondholders shall look only to the County for the payment of such Bonds; provided, however, the Paying Agent shall forward to the County all moneys which remain unclaimed during a period five (5) years from a Bond Payment Date, provided, however, that before being required to make any such payment to the County, the Paying Agent, at the expense of the County, may conduct such investigations as may in the opinion of the Paying Agent be necessary to locate the Holders of those who would take if the Holder shall have died.

Section 10.02 Severability of Invalid Provisions.

If any one or more of the covenants or agreements provided in this Ordinance should be contrary to law, then such covenant or covenants or agreement or agreements shall be deemed severable from the remaining covenants and agreements, and shall in no way affect the validity of the other provisions of this Ordinance.

Section 10.03 Successors.

Whenever in this Ordinance the County is named or referred to, it shall be deemed to include any entity which may succeed to the principal functions and powers of the County, and all the covenants and agreements contained in this Ordinance or by or on behalf of the County shall bind and inure to the benefit of said successor whether so expressed or not.

Section 10.04 Ordinance to Constitute Contract.

In consideration of the purchase and acceptance of the Bonds by those who shall purchase and hold the same from time to time, the provisions of this Ordinance shall be deemed to be and shall constitute a contract between the County and the Holder from time to time of the Bonds, and such provisions are covenants and agreements with such Holders which the County hereby determined to be necessary and desirable for the security and payment thereof. The pledge hereof and the provisions, covenants, and agreements herein set forth to be performed on behalf of the County shall be for the equal benefit, protection, and security of the Holders of any and all of the Bonds, all of which shall be of equal rank without preference, priority or distinction of any Bonds over any other Bonds.

Section 10.05 Continuing Disclosure.

(a) In accordance with Act No. 442 of the Acts and Joint Ordinances of the General Assembly of the State of South Carolina, 1994, the County hereby represents and covenants that it will file with the EMMA System maintained by the Municipal Securities Rulemaking Board or any successor thereto, a copy of its annual independent audit within thirty (30) days of its receipt and acceptance, and

event-specific information within thirty (30) days of an event adversely affecting more than five percent (5%) of the County's revenues or five percent (5%) of its tax base.

(b) Council hereby covenants and agrees that it will comply with the requirements of (i) Rule 15c2-12 promulgated by the Securities and Exchange Commission. In this regard, the Chairman is hereby authorized to execute and deliver on behalf of the County a Disclosure Dissemination Agreement in substantially the Form of Exhibit C hereto, with such changes as may be approved by the Chairman, his approval to be evidenced by his execution thereof.

The only remedy for failure by the County to comply with the covenant in this Section 10.05 shall be an action for specific performance of this covenant. The Council specifically reserves the right to amend this covenant to reflect any change in Act 442 without the consent of any Bondholder.

Section 10.06 Filing of Copies of Ordinance.

Copies of this Ordinance shall be filed in the offices of the Council, the office of the Clerk of Court for Florence County, South Carolina (as a part of the Transcript of Proceedings) and at the offices of each of the Paying Agent and Registrar.

Section 10.07 Ordinance Effective.

This Ordinance shall be effective after third and final reading thereof.

ATTEST:

SIGNED:

Connie Y. Haselden, Clerk to County Council

James T. Schofield, Chairman

COUNCIL VOTE:

OPPOSED:

ABSENT:

Approved as to Form and Content
D. Malloy McEachin, Jr., County Attorney

STATE OF SOUTH CAROLINA

COUNTY OF FLORENCE

I, the undersigned, Clerk of the Florence County Council ("County Council"), the governing body of Florence County, South Carolina, DO HEREBY CERTIFY:

That the foregoing constitutes a true, correct and verbatim copy of an Ordinance adopted by the County Council on _____, 2014. The Ordinance was read at three public meetings of the County Council on three separate days, _____, 201____, _____, 201____ and _____, 2014. An interval of at least seven days occurred between the second and third readings of the Ordinance. At each such meeting, a quorum of the County Council was present and remained present throughout the meeting.

The meetings held on _____, 201____, _____, 201____ and _____, 2014 were each a regular meeting of the County Council, for which notice had been previously given pursuant to and in conformity with Chapter 4, Title 30 of the Code of Laws of South Carolina 1976, as amended (the "Freedom of Information Act").

The original of the Ordinance is duly entered in the permanent records of County Council, in my custody as Clerk.

The Ordinance is now of full force and effect, and has not been modified, amended or repealed.

IN WITNESS WHEREOF, I have hereunto set my Hand and the Seal of Florence County, South Carolina, this ____ day of _____, 2014.

(SEAL)

Clerk to Florence County Council, South Carolina

DRAFT

Nominee, is being issued and required to be deposited with the Securities Depository and immobilized in its custody. The book-entry system will evidence positions held in the Bonds by the Securities Depository's Participants, beneficial ownership of the Bonds in the principal amount of \$5,000 or any whole multiple thereof being evidenced in the records of such Participants. Transfers of ownership shall be effected on the records of the Securities Depository and its Participants pursuant to rules and procedures established by the Securities Depository and its Participants. The County and the Registrar/Paying Agent will recognize the Securities Depository Nominee, while the registered owner of this bond, as the owner of this bond for all purposes, including payments of principal of interest on this bond, notices and voting. Transfer of principal and interest payments to Participants of the Securities Depository will be the responsibility of the Securities Depository, and transfer of principal and interest payments to beneficial owners of the Bonds by Participants of the Securities Depository will be the responsibility of such Participants and other nominees of such beneficial owners. The County will not be responsible or liable for such transfers of payments or for maintaining, supervising or reviewing the records maintained by the Securities Depository, the Securities Depository Nominee, its Participants or persons acting through such Participants. While the Securities Depository Nominee is the owner of this bond, notwithstanding the provision hereinabove contained, payments of principal of and interest on this bond shall be made in accordance with existing arrangements between the Registrar/Paying Agent or its successors under the Ordinance and the Securities Depository.

This bond is transferable only upon the books of the County kept for that purpose at the principal office of the Registrar/Paying Agent by the registered owner hereof in person or by his duly authorized attorney upon surrender of this bond together with a written instrument of transfer satisfactory to the Registrar/Paying Agent duly executed by the registered owner or his duly authorized attorney. Thereupon a new fully registered Bond or Bonds of the same aggregate principal amount, interest rate, and maturity shall be issued to the transferee in exchange herefor as provided in the Ordinance. The County and the Registrar/Paying Agent may deem and treat the person in whose name this bond is registered as the absolute owner hereof for the purpose of receiving payment of or on account of the principal hereof and interest due hereon and for all other purposes. The County shall not be obligated to issue, exchange or transfer any Bond during the 15 days next preceding any Bond Payment Date.

For the prompt payment hereof, both principal and interest, as the same shall become due, the full faith, credit, taxing power and resources of the County are irrevocably pledged.

Under the laws of the State of South Carolina, this bond and the interest hereon are exempt from all state, county, school district, municipal and all other taxes or assessments of the State of South Carolina, except inheritance, estate, transfer taxes or certain franchise taxes.

For every exchange or transfer of the Bonds, the County and the Registrar/Paying Agent may make a charge sufficient to reimburse it for any tax, fee or other governmental charge required to be paid with respect to such exchange or transfer.

It is hereby certified and recited that all acts, conditions and things required by the Constitution and laws of the State of South Carolina to exist, to happen and to be performed precedent to or in the issuance of this bond exist, have happened and have been performed in regular and due time, form and manner as required by law; that the amount of this bond, together with all other general obligation and bonded indebtedness of the County does not exceed the applicable limitation of indebtedness under the laws of the State of South Carolina; and that provision has been made for the levy and collection of a tax, without limit, on all taxable property in the County sufficient to pay the principal and interest of the bonds as they respectively mature and to create such sinking fund as may be necessary therefor.

IN WITNESS WHEREOF, the Florence County Council, the governing body of Florence County, South Carolina, has caused this Bond to be signed by the manual signature of its Chairman and its corporate seal to be hereunto impressed and attested to by the manual signature of its Clerk to Council.

(SEAL)

FLORENCE COUNTY, SOUTH CAROLINA

By: _____
Chairman, Florence County Council

Attest:

Clerk to Florence County Council

CERTIFICATE OF AUTHENTICATION

This Bond is one of the Bonds of the issue described in the within mentioned Ordinance.

Registrar/Paying Agent

By: _____
Authorized Officer

Date of Authentication: _____, 2014

The following abbreviations, when used in the inscription on the face of this bond, shall be construed as though they were written out in full according to applicable laws or regulations.

TEN COM - as tenants in common

UNIF GIFT MIN ACT -

TEN ENT - as tenants by the entireties

_____ Custodian _____
(Cust) (Minor)

JT TEN - as joint tenants with right of survivorship and not as tenants in common

under Uniform Gifts to Minors Act _____
(state)

Additional abbreviations may also be used though not in above list.

(FORM OF ASSIGNMENT)

FOR VALUE RECEIVED, the undersigned sells, assigns and transfers unto

(Name and Address of Transferee)

_____ the within bond and does hereby irrevocably constitute and appoint _____ attorney to transfer the within bond on the books kept for registration thereof, with full power of substitution in the premises.

Dated:

Signature Guaranteed

(Authorized Officer)

(Signature must be guaranteed by a participant in the Securities Transfer Agent Medallion Program (STAMP))

Notice: The signature to the assignment must correspond with the name of the registered owner as it appears upon the face of the within bond in every particular, without alteration or enlargement or any change whatever.

OFFICIAL NOTICE OF SALE
\$125,000,000
GENERAL OBLIGATION BONDS,
SERIES 2014,
OF FLORENCE COUNTY

SEALED PROPOSALS, addressed to the undersigned, will be received by the Florence County Council, until 11:00 a.m. (local time) on _____, 2014, at which time said proposals will be publicly opened in the Administrator's Office of Florence County, South Carolina, 180 N. Irby Street, Florence, South Carolina, for the purchase of \$125,000,000 General Obligation Bonds, Series 2014 (the "Bonds"). The Bonds will be issued as fully registered Bonds in the denominations of \$5,000 or any whole multiple thereof not exceeding the principal amount maturing in any year. The Bonds will mature in the years and amounts as follows:

<u>June 1</u> <u>of the Year</u>	<u>Principal</u> <u>Amount</u>
-------------------------------------	-----------------------------------

The Bonds will be dated _____, 2014, and will bear interest from the date thereof, on the basis of a 360-day year consisting of twelve (12) months of thirty (30) days each, payable on each June 1 and December 1, beginning on December 1, 2014, until they respectively mature. Both principal and interest will be payable in any coin or currency of the United States of America which at the time of payment is legal tender for the payment of public and private debts. The Paying Agent and Registrar for the Bonds shall be a financial institution maintaining corporate trust offices as agreed to by the initial purchaser of the Bonds and the County, or, in the event of a failure to agree, as named by the County.

Redemption Provisions:

Bid Requirements: A bid for less than all the Bonds or a bid at a price less than par will not be considered. Bidders shall specify the rate or rates of interest per annum which the Bonds are to bear, to be expressed in multiples of 1/20th or 1/8th of 1% with no greater difference than 2% between the highest and lowest rates of interest named by a bidder, (and with no rate named less than a rate named for a Bond of an earlier maturity.) Bidders are not limited as to the number of rates of interest named, but the rate of interest on each separate maturity must be the same single rate for the Bonds of that maturity from their date to such maturity date. Any premium offered, which must not exceed ten percent (10%) of the principal amount of the Bonds [or such lesser amount as may be determined by the Chairman of County Council], must be paid in cash as a part of the purchase price for the Bonds. In addition to the bid price,

the successful bidder must pay accrued interest from the date of the Bonds to the date of full payment of the purchase price.

Award of Bonds: The Bonds will be awarded to the bidder or bidders offering to purchase the Bonds at the lowest (true/net) interest cost ((T/N)IC) to the County calculated based on the dated/delivery date of the Bonds without regard to accrued interest. The County reserves the right to reject any and all bids or to waive irregularities in any bid. Bids will be accepted or rejected no later than 3:00 p.m., South Carolina time, on the date of the sale.

Adjustment of Par Amount of Bonds: The aggregate principal amount and the principal amount of each maturity of the Bonds are subject to adjustment, both before and after the receipt and opening of sealed bids for their purchase; provided that in no event shall the aggregate principal amount of the Bonds exceed \$_____. Changes to be made prior to the sale will be published on Munifacts not later than 9:30 a.m. EST on the date of sale.

If, after final computation of the proposals, the County determines in its sole discretion that the funds necessary to accomplish the purposes for which the Bonds are being issued are either more or less than the proceeds of the sale of the amount of the Bonds as shown in this Notice of Sale, it reserves the right either to decrease or increase the principal amount of the Bonds of any maturity (all calculations to be rounded to the nearest \$5,000), provided that any such decrease or increase shall not exceed 10% of the principal amounts shown above. Such adjustment(s), if any, shall be made within twenty-four (24) hours of the award of the Bonds. In order to calculate the yield on the Bonds for federal tax law purposes and as a condition precedent to the award of the Bonds, bidders must disclose to the County in connection with their respective bids the price (or yield to maturity) at which each maturity of the Bonds will be reoffered to the public.

In the event of any adjustment of the maturity schedule for the Bonds as described herein, no rebidding or recalculation of the proposals submitted will be required or permitted. The total purchase price of the Bonds will be increased or decreased in the direct proportion that the adjustment bears to the aggregate principal amount of the Bonds specified herein; and the Bonds of each maturity, as adjusted, will bear interest at the same rate and must have the same reoffering yield as are specified by the successful bidder for the Bonds of that maturity. Nevertheless, the award of the Bonds will be made to the bidder whose proposal produces the lowest true interest cost solely on the basis of the Bonds offered, without taking into account any adjustment in the amount of the Bonds pursuant to this paragraph.

Bid Submission: Proposals for the Bonds should be marked "Proposal for \$125,000,000 General Obligation Refunding and Improvement Bonds of Florence County, South Carolina, Series 2014" and should be directed to the undersigned at the address in the first paragraph hereof.

If a bidder for the Bonds desires to have the Bonds insured, the bidder shall specify in its bid whether bond insurance will be purchased and the premium of such bond insurance must be paid at or prior to closing by the successful bidder.

Proposals may be delivered by hand, by mail, by facsimile transmission or by electronic bidding system, but no proposal shall be considered which is not actually received by the County at the place, date and time appointed and the County shall not be responsible for any delay, failure, misdirection or error in the means of transmission selected by any bidder. No agent or employee of the County will undertake to receive proposals by means of oral communication.

Electronic bids must be submitted to the Parity Electronic Bid Submission System ("PARITY"). No other form of bid or provider of electronic bidding services will be accepted. Such bids are to be

publicly opened and read at such time and place on said day. For the purposes of both the written sealed bid process and the electronic bidding process, the time as maintained by *PARITY* shall constitute the official time with respect to all bids submitted.

If any provisions of this Official Notice of Sale conflict with information provided by *PARITY* as the approved provider of electronic bidding services, this Official Notice of Sale shall control. Further information about *PARITY* may be obtained from *PARITY*, 1359 Broadway, 2nd Floor, New York, NY 10018, telephone (212) 843-5021.

Written bids must be submitted on the Official Bid Form included with the Preliminary Official Statement or on a reasonable facsimile thereof. Electronic bids must be submitted to *PARITY*. Both written bids and electronic bids must be unconditional and received by the County and/or *PARITY*, respectively, before the time stated above. Each bid must be accompanied by a Good Faith Deposit or Financial Surety Bond (see below). The County is not liable for any costs incurred in the preparation, delivery, acceptance or rejection of any bid, including, without limitation, the providing of a bid security deposit.

Purpose: The Bonds are issued for the purposes of refunding certain outstanding general obligation indebtedness of the County, defraying the costs of certain capital improvements, and of paying costs of issuance of the Bonds.

Security: The Bonds shall constitute binding general obligations of the County, and the full faith, credit, taxing power, and resources of the County are irrevocably pledged for the payment of the Bonds. There shall be levied and collected annually in the same manner as county taxes are levied and collected, a tax, without limit, on all taxable property in the County sufficient to pay the principal of and interest on the Bonds as they respectively mature and to create such sinking fund as may be necessary therefor.

Official Statement: The Preliminary Official Statement dated _____, 2014, has been deemed final by the County for purposes of paragraph (b)(1) of Rule 15c2-12 of the Securities and Exchange Commission (the "Rule") but is subject to revision, amendment and completion in a final Official Statement as provided in the Rule.

The Preliminary Official Statement is available at _____. The County will furnish the successful bidder with a sufficient number of copies of the final Official Statement in order to allow the bidder to comply with the Rule, without charge, within seven working days of the acceptance of a bid for the Bonds.

Continuing Disclosure: In order to assist bidders in complying with SEC Rule 15c2-12, the County will undertake, pursuant to the bond ordinance authorizing the issuance of the Bonds and a Continuing Disclosure Certificate, to annually file a report containing its audited financial statements and certain financial information and operating data, and, in addition, to provide notice of certain material events. A description of this undertaking is set forth in the preliminary Official Statement and will also be set forth in the final Official Statement.

Legal Opinion: The County shall furnish upon delivery of the Bonds the final approving opinion of Haynsworth Sinkler Boyd, P.A., Bond Counsel, Florence, South Carolina, which opinion shall be attached to each Bond, together with the usual closing documents, including a certificate that no litigation is pending affecting the Bonds.

Certificate as to Issue Price: The successful bidder for the Bonds must provide a certificate to Florence County not later than two business days following the sale date, and confirmed by a certificate

delivered at closing, stating the initial reoffering price of the Bonds to the public (excluding bond houses and brokers) and the price at which a substantial amount of the Bonds were sold to the public, in form satisfactory to Bond Counsel.

Delivery: The Bonds will be delivered within 30 days of the date of sale, through the facilities of DTC at the expense of the County, or at such other place as may be agreed upon with the purchasers at the expense of the purchaser. The balance of the purchase price then due (including the amount of accrued interest) must be paid in Federal funds or other immediately available funds. The cost of preparing the Bonds will be borne by the County.

CUSIP Numbers: It is anticipated that CUSIP identification numbers will be printed on the Bonds, but neither the failure to print such numbers on any Bond nor any error with respect thereto shall constitute cause for failure or refusal by the purchaser thereof to accept delivery of and pay for the Bonds in accordance with the terms of its proposal. All expenses in relation to the printing of CUSIP identification numbers on the Bonds shall be paid for by the County; provided, however, that the CUSIP Service Bureau charge for the assignment of said numbers shall be the responsibility of and shall be paid for by the successful bidder.

Persons seeking further fiscal information relative to the County should communicate with the Finance Director, Kevin V. Yokim. Persons seeking additional information should communicate with the County's Bond Counsel, Haynsworth Sinkler Boyd, P.A., Florence, South Carolina, or the County's Financial Advisor, Davenport and Company, Charlotte, North Carolina.

DRAFT

This Notice is given to evidence the County's intent to receive bids for and award the Bonds on the date stated above. Such sale may be postponed upon no less than twelve hours prior to the time bids are to be received through Thomson Municipal Market Monitor, Bloomberg, or other electronic information service. If canceled, the sale may be thereafter rescheduled within 60 days of the date of the publication of this Official Notice of Sale, and notice of such rescheduled date of sale will be posted at least 48 hours prior to the time for receipt of bids through Thomson Municipal Market Monitor, Bloomberg, or other electronic information service.

Chairman, Florence County Council, South Carolina

DRAFT

DISCLOSURE DISSEMINATION AGREEMENT

[We will replace with form received from DAC on Nov. 19]

DRAFT

FLORENCE COUNTY COUNCIL MEETING

January 16, 2014

AGENDA ITEM: Ordinance No. 19-2013/14
Introduction

DEPARTMENT: Planning and Building Inspections / 

ISSUE UNDER CONSIDERATION:

[An Ordinance To Rezone Property On Behalf Of Jeff M. Anderson, regarding the Estate of Johnsie W. Moore, Located At W. Main Street, Lake City, As Shown On Florence County Tax Map No. 00167, Block 31, Parcel 054; Consisting Of Approx. 2.07 Acres From R-1, Single-Family Residential District To B-1, Limited Business District; And Other Matters Related Thereto.]

(Planning Commission approved 6 to 0; Council District 1)

POINTS TO CONSIDER:

1. The subject property is currently zoned R-1, Single-Family Residential District.
2. Surrounding land uses consist of a mixture of vacant land/cemetery/residential use zoned R-1, Single-Family Residential District.
3. The Comprehensive Plan currently designates the subject property as Suburban Development according to the Comprehensive Plan Land Use Map.
4. The zoning designation of B-1, Limited Business District, is in compliance with the Comprehensive Plan Land Use Map.

OPTIONS:

1. *(Recommended)* Approve As Presented.
2. Provide An Alternate Directive.

ATTACHMENTS:

1. Ordinance No. 19-2013/14
2. Staff report for PC#2013-17
3. Location Map
4. Comprehensive Plan Land Use Map
5. Zoning Map
6. Aerial Map

Sponsor(s)	: Planning Commission	I, _____,
Planning Commission Consideration	: December 17, 2013	Council Clerk, certify that
Planning Commission Public Hearing	: December 17, 2013	this Ordinance was
Planning Commission Action	: December 17, 2013 [Approved: 6 to 0]	advertised for Public
First Reading/Introduction	: January 16, 2014	Hearing on _____.
Committee Referral	: N/A	
County Council Public Hearing	: N/A	
Second Reading	:	
Third Reading	:	
Effective Date	: Immediately	

ORDINANCE NO. 19-2013/14

COUNCIL-ADMINISTRATOR FORM OF GOVERNMENT FOR FLORENCE COUNTY

[An Ordinance To Rezone Property On Behalf Of Jeff M. Anderson, Regarding the Estate of Johnsie W. Moore, Located At W. Main Street, Lake City, As Shown On Florence County Tax Map No. 00167, Block 31, Parcel 054; Consisting Of Approx. 2.07 Acres From R-1, Single-Family Residential District, To B-1, Limited Business District; And Other Matters Related Thereto.]

WHEREAS:

1. The Florence County Council must be satisfied that this Zoning Atlas amendment will not be injurious from a public health, safety and general welfare outlook and the effect of the change will not negatively impact the immediate environs or the County in general; and
2. The amendment procedure established in the Florence County Code, Chapter 30-Zoning Ordinance has been followed by the Florence County Planning Commission at a public hearing on December 17, 2013.

NOW THEREFORE BE IT ORDAINED BY THE FLORENCE COUNTY COUNCIL DULY ASSEMBLED THAT:

1. Property located at W. Main Street, Lake City, bearing Tax Map 00167, Block 31, Parcel 054; is hereby rezoned to B-1, Limited Business District.
2. Provisions in other Florence County ordinances in conflict with this Ordinance are hereby repealed.
3. If any provision of this Ordinance or the application thereof to any person or circumstance is held invalid, the invalidity does not affect other provisions or applications of the Ordinance which can be given effect without the invalid provision or application and to this end, the provisions of this Ordinance are severable.

ATTEST:

SIGNED:

Connie Y. Haselden, Council Clerk

James T. Schofield, Chairman

Approved as to Form and Content
D. Malloy McEachin, Jr., County Attorney

COUNCIL VOTE:
OPPOSED:
ABSENT:

**STAFF REPORT
TO THE
FLORENCE COUNTY PLANNING COMMISSION
Tuesday, December 17, 2013
PC#2013-17
ORDINANCE NO: 19-2013/14**

SUBJECT: Rezoning request from R-1, Single-Family Residential District to B-1, Limited Business District

LOCATION: Property is located on West Main Street, Lake City, SC

TAX MAP NUMBER: 00167, Block 31, Parcel 054

COUNCIL DISTRICT(S): 1; County Council

OWNER OF RECORD: Estate of Johnsie W. Moore

APPLICANT: Jeff M. Anderson

LAND AREA: 2.07 Acres

WATER /SEWER AVAILABILITY: These services are provided by the City of Lake City.

**ADJACENT WATERWAYS/
BODIES OF WATER:** There does not appear to be any waterway/body of water adjacent to the property.

FLOOD ZONE: The property is not located in a Flood zone.

STAFF ANALYSIS:

1. Existing Land Use and Zoning:
The subject property is currently vacant and zoned R-1, Single-Family Residential District.
2. Proposed Land Use and Zoning:
The proposal is to rezone the subject property to B-1, Limited Business District, for future Commercial Opportunities.
3. Surrounding Land Use and Zoning:
North: Vacant/R-1 Single-Family Residential District /Florence County
South: Residential/Vacant/ R-1 Single-Family Residential District/Florence County
West: Vacant/ R-1 Single-Family Residential District /Florence County
East: Cemetery/R-1 Single-Family Residential District /Florence County

4. Transportation Access and Circulation:
Present access to the property is by way of West Main Street.
5. Traffic Review:
The rezoning of this property from R-1 to B-1 will have a minimal effect on traffic flow for the area.
6. Florence County Comprehensive Plan:
The subject property is currently designated as Suburban Development according to the Land Use Element of the Comprehensive Plan. This designation is compatible with B-1 zoning.
7. Chapter 30-Zoning Ordinance:
The intent of the B-1, Limited Business District: The intent of this district is to accommodate office, institutional, and residential uses in areas whose character is changing, or where such a mix of uses is appropriate. It is designed principally for use along major streets dominated by older houses in transition.

STAFF RECOMMENDATION:

Staff recommends approval of the zoning amendment request based on the request being in compliance with the Land Use Map and Land Use Element of the Comprehensive Plan.

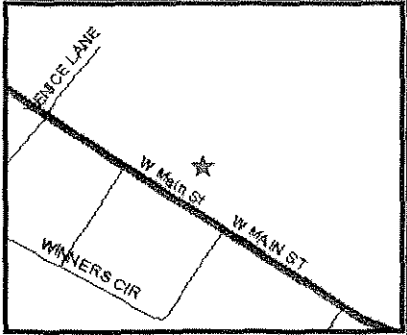
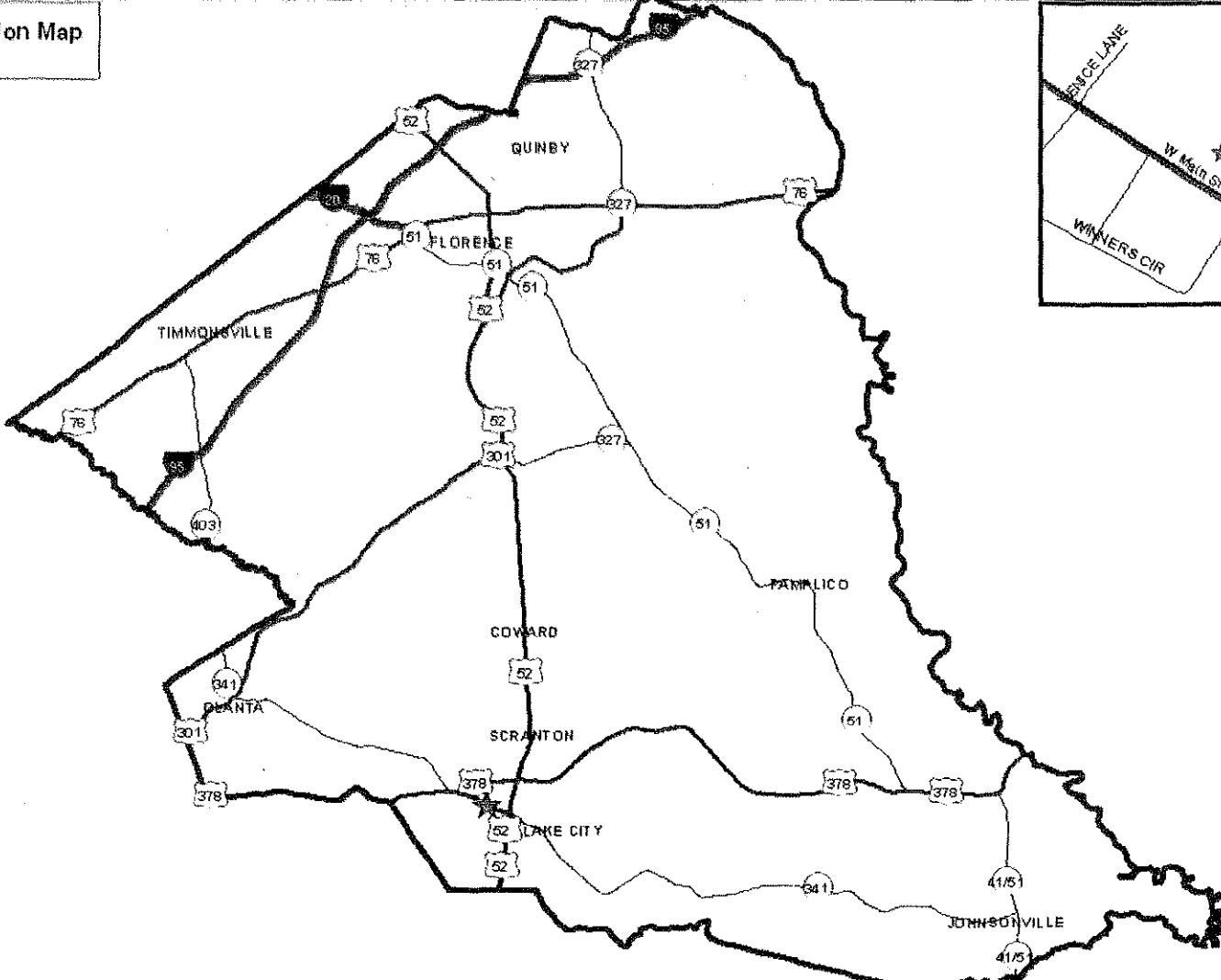
FLORENCE COUNTY PLANNING COMMISSION ACTION-TUESDAY, DECEMBER 17, 2013.

The six Planning Commission members present approved the zoning amendment request unanimously based on the request being in compliance with the Land Use Map and Land Use Element of the Comprehensive Plan

FLORENCE COUNTY PLANNING COMMISSION RECOMMENDATIONS:

The Planning Commission members present approved the zoning amendment request to Florence County Council based on request being in compliance with the Land Use Map and Land Use Element of the Comprehensive Plan.

Location Map



0 1.5 3 4.5 6 Miles

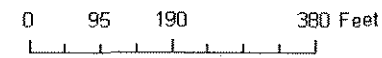
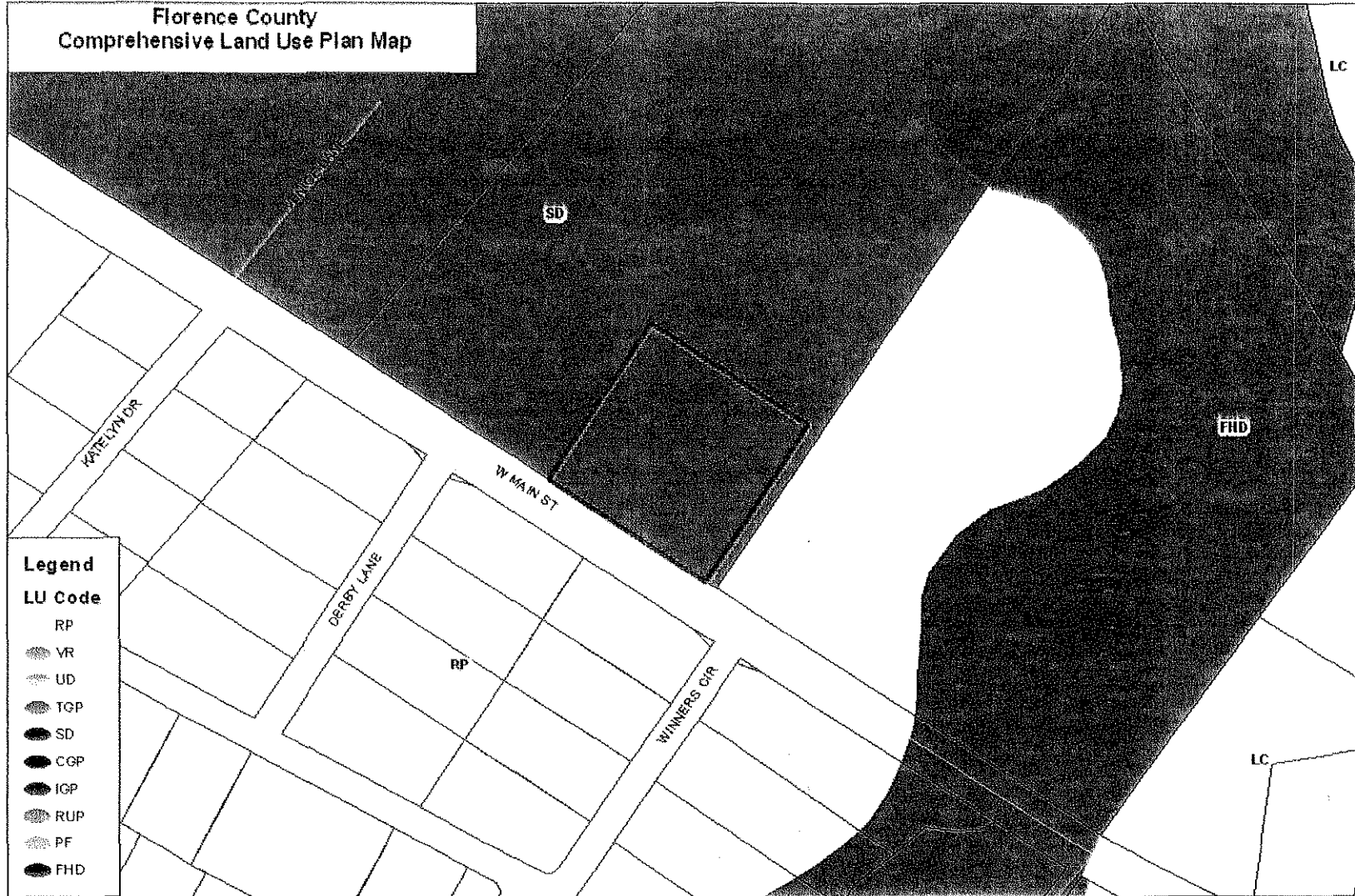


Map Prepared by: RWE
Copyright 2010: Florence County Planning
& Building Inspections Department
Geographic Information Systems
2013-11-22



Council District(s): 1
PC#2013-17

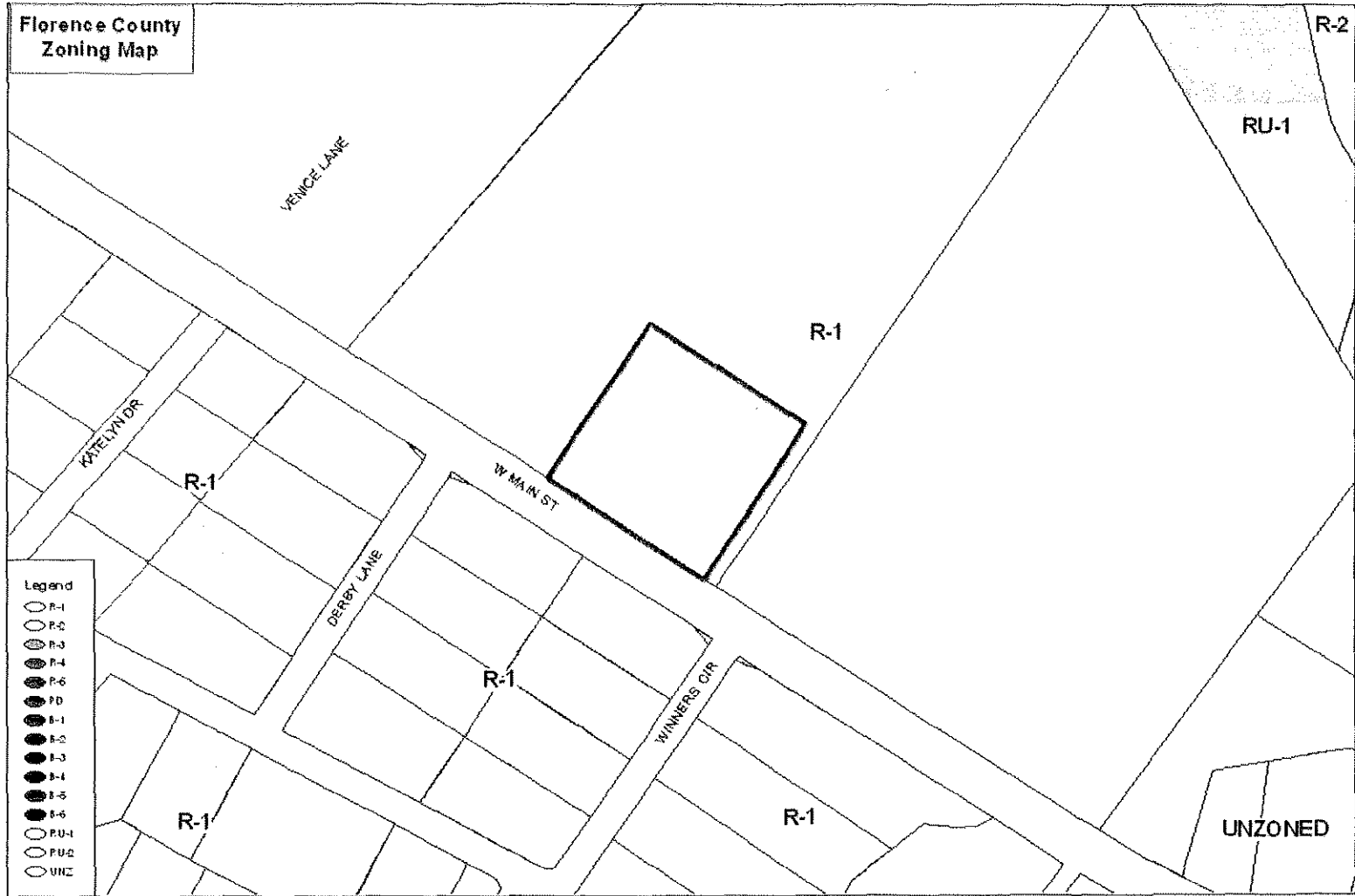
**Florence County
Comprehensive Land Use Plan Map**



Map Prepared by: RWE
 Copyright 2010: Florence County Planning
 & Building Inspections Department
 Geographic Information Systems
 2013-11-22



**Council District(s): 1
 PC#2013-17**



0 105 210 420 Feet

Map Prepared by: RWE
 Copyright 2010: Florence County Planning
 & Building Inspections Department
 Geographic Information Systems
 2013-11-22



Council District(s): 1
PC#2013-17

FLORENCE COUNTY COUNCIL MEETING

January 16, 2014

AGENDA ITEM: Boards & Commission
Economic Development Partnership

DEPARTMENT: County Council

ISSUE UNDER CONSIDERATION:

Approve The Appointment Of Henry M. Swink To Serve On The Economic Development Partnership Board, Representing Council District 5, With Appropriate Expiration Term.

ATTACHMENTS:

Current List of Board Members Appointed By County Council

**FLORENCE COUNTY ECONOMIC DEVELOPMENT
PARTNERSHIP**

AUTHORITY:

Ordinances #4-81/82 and #7-81/82
#4-91/92, #10-98/99 and #32-99/2000

APPOINTED BY:

County Council

The Economic Development Partnership shall consist of a total of eighteen (18) members. Nine (9) of the eighteen (18) members shall be appointed by County Council, with one (1) member representing each county council district. Nine (9) members shall be appointed by Florence County Progress, Inc. and approved by the Florence County Council. Four (4) of the eighteen (18) members shall represent the areas of manufacturing, utilities, banking, and education. In the event of any vacancy in any of these four (4) categories, the category shall be filled by the next pending appointment of Florence County Progress, Inc. Terms are for four (4) years.

MEMBERSHIP ROSTER

<u>SEAT</u>	<u>COUNCIL DISTRICT</u>	<u>APPOINTEE</u>	<u>TERM TO EXPIRE</u>
1	1	Stewart Altman 335 Scotland Road Lake City, SC 29560	6/2016 389-3990 - H 394-1000 - O
2	2	Vacant	6/2015
3	3	Terry Dingle Director of Internal Relations Florence-Darlington Technical College Post Office Box 100548 Florence, South Carolina 29502	6/2011 661-8321
4	4	Jeff Helton Honda of South Carolina Mfg. Inc. 1111 Honda Way Timmonsville, SC 29161-9421	346-8000 6/2005

<u>SEAT</u>	<u>COUNCIL DISTRICT</u>	<u>APPOINTEE</u>	<u>TERM TO EXPIRE</u>
5	5	LaRue Kirby Post Office Box 935 Lake City, SC 29560	6/2013 394-8738 -H 374-7653 - O
6	6	Joe W. "Rocky" Pearce, Jr. 1945 W. Palmetto St., Ste 105 (29501) P O Box 2270 Florence, SC 29503	6/2017 669-9846 - O
7	7	Odell Spears Spears Masonry P O Box 15208 Quinby, SC 29506	6/2017 661-0890 - H
8	8	Ken Jackson 2147 Hoffmeyer Rd. Florence, SC 29501	6/2015 667-0233
9	9	John D. Bankson, Jr. Wachovia Bank Post Office Box 100533 Florence, SC 29501 John.bankson@wellsfargo.com	6/2015 664-4093

FLORENCE COUNTY COUNCIL MEETING

January 16, 2014

AGENDA ITEM: Reports to Council
Monthly Financial Reports

DEPARTMENT: Administration

ISSUE UNDER CONSIDERATION:

Monthly Financial Reports Are Provided To Council For Fiscal Year 2014 Through November 30, 2013 As An Item For The Record.

ATTACHMENTS:

Copies of the monthly financial reports.

FLORENCE COUNTY GOVERNMENT
GENERAL FUND
REVENUE & EXPENDITURE REPORT FY14
07/01/13 TO 11/30/13

	BUDGETED REVENUE	YEAR-TO-DATE ACTUAL REVENUE	REMAINING BALANCE	PCT
REVENUES				
Taxes	36,920,690	30,477,923	6,442,767	17.45%
Licenses & Permits	1,525,350	450,447	1,074,903	70.47%
Fines & Fees	3,229,000	365,047	2,863,953	88.69%
Intergovernmental	5,792,783	1,287,304	4,505,479	77.78%
Sales and Other Functional	5,638,050	1,956,944	3,681,106	65.29%
Miscellaneous	558,250	127,186	431,064	77.22%
Operating Transfers	(1,369,343)	(230,000)	(1,139,343)	83.20%
Use of Fund Balance	-	-	-	
TOTAL	52,294,780	34,434,851	17,859,929	34.15%

**FLORENCE COUNTY GOVERNMENT
GENERAL FUND
REVENUE & EXPENDITURE REPORT FY14
07/01/13 TO 11/30/13**

		YEAR-TO-DATE			
		BUDGETED EXPENDITURE	ACTUAL EXPENDITURE	REMAINING BALANCE	PCT
EXPENDITURES					
10-411-401	County Council	359,672	132,449	227,223	63.17%
10-411-402	Administrator	632,029	202,471	429,558	67.96%
10-411-403	Clerk of Court	1,848,147	747,687	1,100,460	59.54%
10-411-404	Solicitor	1,072,306	431,312	640,994	59.78%
10-411-405	Judge of Probate	513,719	203,860	309,859	60.32%
10-411-406	Public Defender	754,589	285,444	469,145	62.17%
10-411-407	Magistrates	2,308,941	950,877	1,358,064	58.82%
10-411-409	Legal Services	79,650	103,581	(23,931)	-30.05%
10-411-410	Voter Registration & Elections	577,687	255,376	322,311	55.79%
10-411-411	Finance	767,141	338,650	428,491	55.86%
10-411-412	Human Resources	350,005	156,043	193,962	55.42%
10-411-413	Procurement & Vehicle Maintenance	613,264	331,238	282,026	45.99%
10-411-414	Administrative Services	403,330	134,284	269,046	66.71%
10-411-415	Treasurer	1,237,228	511,829	725,399	58.63%
10-411-416	Auditor	477,730	185,131	292,599	61.25%
10-411-417	Tax Assessor	1,322,574	521,152	801,422	60.60%
10-411-418	Planning and Building	2,101,167	712,509	1,388,658	66.09%
10-411-419	Complex	1,647,001	585,372	1,061,629	64.46%
10-411-420	Facilities Management	746,654	317,719	428,935	57.45%
10-411-427	Information Technology	1,568,155	1,069,764	498,391	31.78%
10-411-446	Veteran's Affairs	150,489	60,376	90,113	59.88%
10-411-480	Senior Citizen Centers	326,591	59,459	267,132	81.79%
10-411-485	General Direct Assistance	217,996	136,923	81,074	37.19%
10-411-488	Contingency	212,396	7,184	205,212	96.62%
10-411-489	Employee Non-Departmental	399,502	251,427	148,075	37.06%
10-421-421	Sheriff's Office	15,589,977	6,618,748	8,971,229	57.54%
10-421-422	Emergency Management	2,509,458	977,846	1,531,612	61.03%
10-421-428	County Fire	112,756	48,399	64,357	57.08%
10-421-481	Rural Fire Departments	15,140	2,266	12,874	85.03%
10-451-423	EMS	5,849,554	2,056,512	3,793,042	64.84%
10-451-424	Rescue Squads	632,498	263,707	368,791	58.31%
10-451-425	Coroner	282,034	112,622	169,412	60.07%
10-451-441	Health Department	80,934	20,234	60,701	75.00%
10-451-442	Environmental Services	740,310	325,389	414,921	56.05%
10-451-485	Health Direct Assistance	14,502	684	13,818	95.28%
10-461-485	Welfare - MIAP & DSS	460,075	199,828	260,247	56.57%
10-471-451	Recreation	1,809,442	806,227	1,003,215	55.44%
10-471-455	County Library	3,605,622	1,415,854	2,189,768	60.73%
10-481-485	Literacy Council	4,515	1,129	3,386	75.00%
TOTAL		52,394,780	21,541,560	30,853,221	58.89%

Percent of Fiscal Year Remaining = 58.33%

**FLORENCE COUNTY
BUDGET REPORT - OTHER FUNDS
CURRENT PERIOD: 07/01/13 TO 11/30/13**

	BUDGETED EXPENDITURE	YEAR TO DATE CURRENT	REMAINING BALANCE	PCT	BUDGETED REVENUE	YEAR TO DATE CURRENT	REMAINING BALANCE	PCT
45 County Debt Service Fund	3,954,622	303,214	3,651,408	92.33%	3,954,622	3,622,262	332,360	8.40%
112 Economic Development Partnership Fund	439,749	131,976	307,773	69.99%	439,749	53,853	385,896	87.75%
123 Local Accommodations Tax Fund	2,474,087	872,733	1,601,355	64.73%	2,474,087	772,778	1,701,309	68.77%
124 Local Hospitality Tax Fund	1,190,511	290,428	900,083	75.60%	1,190,511	470,116	720,395	60.51%
131 District Utility Allocation Fund	1,007,516	153,546	853,970	84.76%	1,007,516	1,007,516	-	0.00%
132 District Infrastructure Allocation Fund	994,427	257,839	736,588	74.07%	994,427	909,427	85,000	8.55%
151 Law Library Fund	88,586	21,318	67,268	75.94%	88,586	13,010	75,576	85.31%
153 Road System Maintenance Fee Fund	3,791,395	1,673,037	2,118,358	55.87%	3,791,395	1,152,736	2,638,659	69.60%
154 Victim/Witness Assistance Fund	206,327	74,791	131,536	63.75%	206,327	68,957	137,370	66.58%
421 Landfill Fund	4,132,092	1,379,696	2,752,397	66.61%	4,132,092	1,290,692	2,841,400	68.76%
431 E911 System Fund	1,208,939	104,030	1,104,909	91.39%	1,208,939	222,290	986,649	81.61%
TOTALS:	19,488,251	5,262,606	14,225,645	73.00%	19,488,251	9,583,637	9,904,614	50.82%

Percent of Fiscal Year Remaining: 58.33%

331 Capital Project Sales Tax (Florence County Forward road projects) received and interest earned
(See separate attachment for additional details.)

\$ 136,996,953

**Florence County Council
District Allocation Balances
Beginning Balances as of 11/30/2013**

Council District #	Type of Allocation	Beginning Budget FY13	Commitments & Current Year Expenditures	Current Available Balances
1	Infrastructure	109,499.00	52,311.00	57,188.00
	Paving	106,179.00	-	106,179.00
	Utility	291,623.00	17,635.00	273,988.00
	In-Kind	19,800.00	-	19,800.00
2	Infrastructure	58,030.00	21,261.00	36,769.00
	Paving	189,068.00	-	189,068.00
	Utility	38,001.00	-	38,001.00
	In-Kind	19,800.00	179.00	19,621.00
3	Infrastructure	90,955.00	45,011.00	45,944.00
	Paving	250,159.00	103,296.00	146,863.00
	Utility	96,956.00	6,930.00	90,026.00
	In-Kind	19,800.00	-	19,800.00
4	Infrastructure	260,502.00	59,143.00	201,359.00
	Paving	212,434.00	-	212,434.00
	Utility	67,773.00	26,843.00	40,930.00
	In-Kind	19,800.00	-	19,800.00
5	Infrastructure	54,273.00	21,751.00	32,522.00
	Paving	198,019.00	300.00	197,719.00
	Utility	126,452.00	30,373.00	96,079.00
	In-Kind	19,800.00	-	19,800.00
6	Infrastructure	284,050.00	17,713.00	266,337.00
	Paving	256,950.00	18,150.00	238,800.00
	Utility	335,839.00	8,000.00	327,839.00
	In-Kind	19,800.00	-	19,800.00
7	Infrastructure	122,310.00	104,989.00	17,321.00
	Paving	237,631.00	96,420.00	141,211.00
	Utility	237,263.00	55,938.00	181,325.00
	In-Kind	19,800.00	499.00	19,301.00
8	Infrastructure	108,517.00	39,504.00	69,013.00
	Paving	68,574.00	49,750.00	18,824.00
	Utility	70,538.00	-	70,538.00
	In-Kind	19,800.00	-	19,800.00
9	Infrastructure	84,880.00	7,311.00	77,569.00
	Paving	103,997.00	67,285.00	36,712.00
	Utility	147,651.00	30,000.00	117,651.00
	In-Kind	19,800.00	-	19,800.00

Infrastructure funds to be used for capital projects or equipment purchases. (See guidelines)
Paving funds to be used for paving or rocking roads. See guidelines in County code.
Utility funds to be used for water, sewer, stormwater, and any infrastructure fund projects.
In-Kind funds to be used for projects completed by the Public Works Department.

**FLORENCE COUNTY FORWARD
CAPITAL PROJECT SALES TAX**

As of November 30, 2013

EXPENDITURES	Project Budget	Design or Engineering	Right of Way	Construction	Total Expended	Balance Unexpended	Budget % Expended
Pine Needles Road Widening	\$ 17,676,768.00	\$ 710,297.09	\$ 1,224,997.80	\$ 14,229,979.96	\$ 16,165,274.85	\$ 1,511,493.15	91.45%
US 378 Widening	\$ 138,751,620.00	\$ 5,106,607.70	\$ 6,273,849.42	\$ 330,616.17	\$ 11,711,073.29	\$ 127,040,546.71	8.44%
US 76 Widening	\$ 31,641,621.00	\$ 2,304,604.01	\$ 2,419,815.10	\$ 120,169.77	\$ 4,844,588.88	\$ 26,797,032.12	15.31%
TV Road Widening	\$ 34,519,290.00	\$ 2,231,127.73	\$ 2,600,360.00	\$ 59,704.50	\$ 4,891,192.23	\$ 29,628,097.77	14.17%
SC 51 Widening	\$ 151,533,817.00	\$ 2,839,420.78	\$ 578,668.85	\$ 15,424.24	\$ 3,433,513.87	\$ 148,100,303.13	2.27%
US 301 Bypass Extension	\$ 73,464,146.00	\$ 238,145.95	\$ 127.58	\$ -	\$ 238,273.53	\$ 73,225,872.47	0.32%
	\$ 447,587,262.00	\$ 13,430,203.26	\$ 13,097,818.75	\$ 14,755,894.64	\$ 41,283,916.65	\$ 406,303,345.35	9.22%

REVENUES	Revenue Budget				Received/Earned to Date	Balance To Be Rcvd/Earned	Balance % Rcvd/Earned
Capital Project Sales Tax	\$ 148,000,000.00				\$ 127,686,820.00		
Sales Tax Interest Earnings	\$ -				\$ 9,310,133.06	\$ 20,313,180.00	92.57%
Earned State SIB Fund Match	\$ 250,000,000.00				\$ 250,000,000.00	\$ -	100.00%
	\$ 398,000,000.00				\$ 386,996,953.06	\$ 20,313,180.00	97.24%

NOTE 1: Revenue Received/Earned to Date is as of September 30, 2013, since capital project sales tax is received from the state on a quarterly basis.

NOTE 2: Merchant collection of sales tax will conclude on April 30, 2014, unless total collections, excluding interest, exceed \$148,000,000 prior to that date.

FLORENCE COUNTY COUNCIL MEETING

January 16, 2014

AGENDA ITEM: Report to Council

DEPARTMENT: Finance

ISSUE UNDER CONSIDERATION:

Acceptance of audit for fiscal year ended June 30, 2013

POINTS TO CONSIDER:

1. The audit for the year ended June 30, 2013 has been performed by the firm of Elliott Davis, LLC.
2. Council needs to accept the audit or refer it to the administration and finance committee for their review.

FUNDING FACTORS:

None

OPTIONS:

1. *(Recommended)* Vote to accept the audit as presented.
2. Provide an alternate directive

ATTACHMENT:

None

FLORENCE COUNTY COUNCIL MEETING

January 16, 2013

AGENDA ITEM: Reports to Council

DEPARTMENT: Procurement Department

ISSUE UNDER CONSIDERATION:

Request the appointment of a Council member to serve on the review panel for RFQ #17-13/14 Architectural Services for the new Veterans Affairs Building.

FLORENCE COUNTY COUNCIL MEETING

January 16, 2014

AGENDA ITEM: Reports to Council

DEPARTMENT: Public Works Department
Procurement Department

ISSUE UNDER CONSIDERATION: Request For Council To Award Bid No. 15-13/14 For Fencing for the Lake City Convenience Center to Frye Fence Co. of Raleigh, NC In The Amount Of \$12,560.00 (Including Tax) From Previously Approved Funds. *(13 Bids Were Received, 13 Bids Were Compliant).*

POINTS TO CONSIDER:

- 1) Bid No. 15-13/14 was advertised in both the South Carolina Business Opportunities (SCBO) newsletter and in the Morning News on Thursday, December 5, 2013.
- 2) The bid opening was held on Thursday, December 19, 2013.
- 3) Thirteen (13) bids were received; Thirteen (13) bids were compliant.
- 4) Bid award recommendation from the Public Works Director.
- 5) The bid expires March 19, 2014.

FUNDING FACTORS:

- 1) Total amount to be funded by previously approved Council Utility Funds.

OPTIONS:

- 1) Award Bid No. 15-13/14 *(Recommended).*
- 2) Decline Award.

ATTACHMENTS:

- 1) Bid Tabulation Sheet.
- 2) Bid Authorization Form Recommendation from Carlie Gregg, Public Works Director dated December 30, 2013.

Florence County Dept: Public Works		Bid Opening Date: 12/19/2013 Time: 11:00 a.m.	
Tabulation for Bid No. 15-13/14 Fencing at the Lake City Convenience Center			
Name of Bidder and Physical Location of Company	Submitted Bid**	Local 2% Deduction*	Bid Total w/Local Deduction
Frye Fence Co., - 3221 Durham Drive, #115, Raleigh, NC 27603	\$12,560.00	N/A	\$12,560.00
Henley Construction Co., Inc., 2876 Hwy 9, Cheraw, SC 29520	\$12,950.00	N/A	\$12,950.00
ACME Fence Co., Inc., 5323 Bragg Blvd., Fayetteville, NC 28303	\$13,683.00	N/A	\$13,683.00
*Florence Fence & Ironworks, 1035 E. Old Marion Hwy, Florence, SC 29506	\$14,062.00	-\$281.24	\$13,780.76
Guardian Fence Supplier of SC, Inc. 1103 Pasture Lane, Columbia, SC 29201	\$13,885.46	N/A	\$13,885.46
Maner Builders Supply Co., LLC, 7188 Cross County Rd., N. Charleston, SC 29418	\$14,300.00	N/A	\$14,300.00
A-1 Fence Company, 218 Adams St., Rock Hill, SC 29731	\$15,033.09	N/A	\$15,033.09
*Davis Exteriors, 3980 Timmonsville Hwy., Timmonsville, SC 29161	\$15,549.84	-\$311.00	\$15,238.84
*Fence It, 608 W. Lucas St., Florence, SC 29501	\$16,862.49	-\$337.25	\$16,525.24
The MJB Co., LLC, 1130 Brentwood Dr., Columbia, SC 29206	\$17,274.00	N/A	\$17,274.00
Carolina Supply & Services, 98 Huger St., Columbia, SC 29201	\$16,857.36	N/A	\$16,857.36
Byrd's Taylormade Fence, 61 W. Wesmark Blvd., Sumter, SC 29150	\$17,660.00	N/A	\$17,660.00
Hurricane Fence Co., 3198 W. Oak Street, Selma, NC 27576	\$21,680.00	N/A	\$21,680.00

Notes:

*2% Local Preference-Florence County Code, Section 11-62

**Bid includes sales tax

It is always the intent of Florence County to award the lowest priced responsible/responsive bidder that best meets the specifications as determined by Florence County. A notice of intent letter will be sent to all bidders only in the case of a bid awarded to another vendor other than the lowest priced responsible/responsive bidder as stated on this bid tabulation.

FLORENCE COUNTY COUNCIL MEETING

January 16, 2014

AGENDA ITEM: Report to Council
Declaration of Surplus Property

DEPARTMENT: Florence County Sheriff's Office

ISSUE UNDER CONSIDERATION:

Declaration of one (1) handgun as surplus property for the purpose of awarding it to the mother of Joseph Antwine, who was killed in the line of duty on November 29, 2013.

POINTS TO CONSIDER:

1. The Florence County Sheriff's Office is recommending that (1) Glock 21SF, serial number PAU102, be declared surplus.
2. Disposal will not impact on-going operations.
3. Florence County Code requires County Council approval for disposal of surplus property.

FUNDING FACTORS:

1. \$0=Costs of disposal

OPTIONS:

1. *(Recommended)* Declare one (1) Glock G-19 handgun as surplus property and award it accordingly.
2. Provide alternative instructions.

FLORENCE COUNTY COUNCIL MEETING

January 16, 2014

AGENDA ITEM: Other Business
Council District #3

DEPARTMENT: County Council

ISSUE UNDER CONSIDERATION:

Approval of the expenditure of up to \$12,128.00 from Council District #3 funding allocations to pay for drainage improvements at 1433 Briarcliff Drive.

The cost estimate was prepared by Florence County Public Works.

Funding availability subject to confirmation by Finance Department.

FUNDING SOURCE

Infrastructure
 Road System Maintenance
 Utility

SIGNED: Alphonso Bradley
Requested by Councilmember: Alphonso Bradley

Date: _____

ATTACHMENTS:

I, Connie Y. Haselden, Clerk to County Council, certify this item was approved by the Florence County Council at the above-referenced meeting, at which a majority of members were present.

Connie Y. Haselden, Clerk to Council

FLORENCE COUNTY COUNCIL MEETING
January 16, 2014

AGENDA ITEM: Other Business
Council District #6

DEPARTMENT: County Council

ISSUE UNDER CONSIDERATION:

Approval of the expenditure of up to \$20,125.00 from Council District #6 funding allocations to pay for crushed asphalt to re-asphalt Chisolm Trail.

The cost estimate was prepared by Florence County Public Works.

Funding availability subject to confirmation by Finance Department.

FUNDING SOURCE:

Infrastructure
 Road System Maintenance
 Utility

SIGNED: 
Requested by Councilmember: Russell Culbertson

Date: 1-9-2014

ATTACHMENTS:

I, Connie Y. Haselden, Clerk to County Council, certify this item was approved by the Florence County Council at the above-referenced meeting, at which a majority of members were present.

Connie Y. Haselden, Clerk to Council

FLORENCE COUNTY COUNCIL MEETING
January 16, 2014

AGENDA ITEM: Other Business
Council District #6

DEPARTMENT: County Council

ISSUE UNDER CONSIDERATION:

Approval of the expenditure of up to \$59,587.50 from Council District #6 funding allocations to pay for crushed asphalt to re-asphalt Holly Brook Circle.

The cost estimate was prepared by Florence County Public Works.

Funding availability subject to confirmation by Finance Department.

FUNDING SOURCE:

Infrastructure
 Road System Maintenance
 Utility

SIGNED: 
Requested by Councilmember: Russell Chiberson

Date: 1-9-2014

ATTACHMENTS:

I, Connie Y. Haselden, Clerk to County Council, certify this item was approved by the Florence County Council at the above-referenced meeting, at which a majority of members were present.

Connie Y. Haselden, Clerk to Council

FLORENCE COUNTY COUNCIL MEETING
January 16, 2014

AGENDA ITEM: Other Business
Council District #6

DEPARTMENT: County Council

ISSUE UNDER CONSIDERATION:

Approval of the expenditure of up to \$3,500.00 from Council District #6 funding allocations to pay for crushed asphalt to re-asphalt Wreathwood Lane.

The cost estimate was prepared by Florence County Public Works.

Funding availability subject to confirmation by Finance Department.

FUNDING SOURCE:

Infrastructure
 Road System Maintenance
 Utility

SIGNED: 
Requested by Councilmember: Russell Culbertson

Date: 1-9-2014

ATTACHMENTS:

I, Connie Y. Haselden, Clerk to County Council, certify this item was approved by the Florence County Council at the above-referenced meeting, at which a majority of members were present.

Connie Y. Haselden, Clerk to Council

FLORENCE COUNTY COUNCIL MEETING

January 16, 2013

AGENDA ITEM: Other Business
Council District #7

DEPARTMENT: County Council

ISSUE UNDER CONSIDERATION:

Approval of the expenditure of up to \$1,000.00 from Council District #7 funding allocations to pay for pothole patching in Oak Hei Lane.

The cost estimate was prepared by Florence County Public Works.

Funding availability subject to confirmation by Finance Department.

FUNDING SOURCE:

Infrastructure
 Road System Maintenance
 Utility

SIGNED: 
Requested by Councilmember: Rev. Waymon Mumford

Date: _____

ATTACHMENTS:

I, Connie Y. Haselden, Clerk to County Council, certify this item was approved by the Florence County Council at the above-referenced meeting, at which a majority of members were present.

Connie Y. Haselden, Clerk to Council

Florence County Council Meeting
January 16, 2014

AGENDA ITEM: Other Business
Infrastructure/Utility Project

DEPARTMENT: County Council

ISSUE UNDER CONSIDERATION:

Approve The Expenditure In An Amount Not To Exceed \$19,800 From Council Districts' Infrastructure/Utility Funding Allocations As Indicated Below To Purchase Properties Adjacent To The Florence National Cemetery Identified On The Florence County Tax Assessor's Records As 90104-11-005 And 90104-12-005 Owned By Loretta Huerta To Expand The Cemetery. (Council approved negotiations for the purchase of the property at its December 12, 2013 regular meeting.)

FUNDING SOURCE:

XXX Infrastructure _____ Road System Maintenance Fee XXX Utility

Requested by Councilmember: James T. Schofield, District 8

Amount: \$ 2,200 (I/U)

Signed: [Signature]
Jason M. Springs

\$ 2,200. (I/U)

[Signature]
Roger M. Poston

\$ 2200 (I/U)

[Signature]
Alphonso Bradley

Amount: \$ _____ (I/U)

Signed: _____
Mitchell Kirby

\$ 2,200 (I/U)

[Signature]
Kent C. Caudle

\$ 2200 (I/U)

[Signature]
Russell W. Culberson

Amount: \$ 2,200⁰⁰ (I/U)

Signed: [Signature]
Waymon Mumford

\$ 2200⁰⁰ (I/U)

[Signature]
James T. Schofield

\$ 2,200 (I/U)

[Signature]
Willard Dorriety, Jr.

Date: _____

ATTACHMENTS:

None

I, Connie Y. Haselden, Clerk to County Council, certify this item was approved by the Florence County Council at the above-referenced meeting, at which a majority of members were present.

Connie Y. Haselden, Clerk to Council

Florence County Council Meeting
January 16, 2014

AGENDA ITEM: Other Business
Infrastructure/Utility Project

DEPARTMENT: County Council

ISSUE UNDER CONSIDERATION:

Approve The Expenditure In An Amount Not To Exceed \$65,000 From Council Districts' Infrastructure/Utility Funding Allocations As Indicated Below To Purchase Properties Adjacent To The Florence National Cemetery Identified On the Florence County Tax Assessor's Records As 90104-11-008 And 90104-08-013 Owned By Bill Simpson To Expand The Cemetery.

FUNDING SOURCE:

XXX Infrastructure _____ Road System Maintenance Fee XXX Utility

Requested by Councilmember: James T. Schofield, District 8

Amount: \$ _____ (I/U) \$ _____ (I/U) \$ _____ (I/U)

Signed: _____
 Jason M. Springs Roger M. Poston Alphonso Bradley

Amount: \$ _____ (I/U) \$ _____ (I/U) \$ _____ (I/U)

Signed: _____
 Mitchell Kirby Kent C. Caudle Russell W. Culberson

Amount: \$ _____ (I/U) \$ _____ (I/U) \$ _____ (I/U)

Signed: _____
 Waymon Mumford James T. Schofield Willard Dorriety, Jr.

Date: _____

ATTACHMENTS:

None

I, Connie Y. Haselden, Clerk to County Council, certify this item was approved by the Florence County Council at the above-referenced meeting, at which a majority of members were present.

Connie Y. Haselden, Clerk to Council

PROPOSED ADDITIONS TO THE
JANUARY 16, 2014 MEETING AGENDA

DESCRIPTION
(Requested by)

DATE REC'D

ITEM

ORDINANCES

Ordinance No. 20-2013/14

01/14/14

An Ordinance To Amend The Florence County Economic Development Partnership Ordinance To Provide For An Enlargement Of The Economic Development Partnership Membership And Other Matters Related Thereto.

BY TITLE ONLY -

Economic
Development/County
Attorney

OTHER BUSINESS:

AMENDMENT:

01/14/14

Approve The Negotiations For The Purchase Of The Herein Described Real Property And The Expenditure In An Amount Not To Exceed \$65,000 From Council Districts' Infrastructure/Utility Funding Allocations (Approximately \$7,223 From Each District) To Purchase Properties Adjacent To The Florence National Cemetery Identified On The Florence County Tax Assessor's Records As 90104-11-008 And 90104-08-013 Owned By Bill Simpson To Expand The Cemetery.

National Cemetery (Bill
Simpson Property) as
requested by the County
Attorney

FLORENCE COUNTY COUNCIL
Proposed Addition to the Agenda
January 16, 2014

AGENDA ITEM: Ordinance No. 20-2013/14 – Introduction By Title Only

DEPARTMENT: County Council

ISSUE UNDER CONSIDERATION:

An Ordinance To Amend The Florence County Economic Development Partnership Ordinance To Provide For An Enlargement Of The Economic Development Partnership Membership And Other Matters Related Thereto.

OPTIONS:

1. *(Recommended)* Approve Introduction of Ordinance No. 20-2013/14 By Title Only.
2. Provide an alternate directive.

ATTACHMENTS:

Copy Of Proposed Ordinance No. 20-2013/14 Title

Sponsor(s) : Economic Development
Introduction : January 16, 2014
Committee Referral :
Committee Consideration Date :
Committee Recommendation :
Public Hearing :
Second Reading :
Third Reading :
Effective Date :

I, _____,
Council Clerk, certify that the
ad for a Public Hearing on this
Ordinance ran on: _____.

ORDINANCE NO. 20-2013/14

COUNCIL-ADMINISTRATOR FORM OF GOVERNMENT FOR FLORENCE COUNTY

[An Ordinance To Amend The Florence County Economic Development Partnership Ordinance To Provide For An Enlargement Of The Economic Development Partnership Membership And Other Matters Related Thereto.]

Florence County Council Meeting
Proposed Addition to the Agenda
January 16, 2014

AGENDA ITEM: Other Business
Infrastructure/Utility Project

DEPARTMENT: County Council

ISSUE UNDER CONSIDERATION:

Approve *The Negotiations For The Purchase Of The Herein Described Real Property And The Expenditure In An Amount Not To Exceed \$65,000 From Council Districts' Infrastructure/Utility Funding Allocations As Indicated Below To Purchase Properties Adjacent To The Florence National Cemetery Identified On the Florence County Tax Assessor's Records As 90104-11-008 And 90104-08-013 Owned By Bill Simpson To Expand The Cemetery.*

FUNDING SOURCE:

XXX Infrastructure _____ Road System Maintenance Fee XXX Utility

Requested by Councilmember: James T. Schofield, District 8

Amount: \$ _____ (I/U) \$ _____ (I/U) \$ _____ (I/U)

Signed: _____
 Jason M. Springs Roger M. Poston Alphonso Bradley

Amount: \$ _____ (I/U) \$ _____ (I/U) \$ _____ (I/U)

Signed: _____
 Mitchell Kirby Kent C. Caudle Russell W. Culberson

Amount: \$ _____ (I/U) \$ _____ (I/U) \$ _____ (I/U)

Signed: _____
 Waymon Mumford James T. Schofield Willard Dorriety, Jr.

Date: _____

ATTACHMENTS:

None

I, Connie Y. Haselden, Clerk to County Council, certify this item was approved by the Florence County Council at the above-referenced meeting, at which a majority of members were present.

Connie Y. Haselden, Clerk to Council