OCONEE COUNTY PLANNING COMMISSION

415 South Pine Street - Walhalla, SC



TEL (864) 638-4218 FAX (864) 638-4168

#### AGENDA

6:00 pm, Thursday January 25th, 2018 Council Chambers - Oconee County administrative complex

- 1. Call to Order
- 2. Invocation by County Council Chaplain
- 3. Pledge of Allegiance
- 4. Approval of Minutes January 11th, 2017
- 5. Public Comment for Agenda and Non-Agenda Items (3 minutes)
- 6. Staff Update
- 7. Discussion on February meeting schedule
  - To include Vote and/or Action on matters brought up for discussion if required.
    - a. Discussion by Commission
    - b. Commission Recommendation
- 8. Discussion on Traffic Research
  - To include Vote and/or Action on matters brought up for discussion, if required
    - a. Discussion by Commission
    - b. Commission Recommendation
- 9. Discussion on Goals Element
  - To include Vote and/or Action on matters brought up for discussion, if required
    - a. Discussion by Commission
    - b. Commission Recommendation
- 10. Discussion on Prioritization of Planning Commission goals for 2018

To include Vote and/or Action on matters brought up for discussion, if required

- a. Discussion by Commission
- b. Commission Recommendation
- 11. Old Business

To include Vote and/or Action on matters brought up for discussion, if required

12. New Business

To include Vote and/or Action on matters brought up for discussion, if required

13. Adjourn

Anyone wishing to submit written comments to the Planning Commission can send their comments to the Planning Department by mail or by emailing them to the email address below. Please Note: If you would like to receive a copy of the agenda via email please contact our office, or email us at achapman@oconeesc.com.

### OCONEE COUNTY PLANNING COMMISSION

415 South Pine Street - Walhalla, SC



TEL (864) 638-4218 FAX (864) 638-4168

6:00 PM, Thursday January 11, 2018 COUNCIL CHAMBERS OCONEE COUNTY ADMINISTRATIVE COMPLEX

Members Present:

Mr. Kisker Mr. Johnson Mr. Vassey Mr. Pearson Mrs. McPhail Mr. Gramling

Mrs. Lyles

Staff Present: David Root, County Attorney Adam Chapman, Planner I – Community Development Media Present: None

1. Call to Order

Mr. Root called the meeting to order at 6:00 PM.

- 2. Invocation by County Council Chaplain
- Mr. Root gave the invocation.
- 3. Pledge of Allegiance
- 4. Approval of Minutes
  - a. December 18, 2017, with corrections
     Mrs. McPhail Motion
     Mr. Pearson Second

5. Public Comment for Agenda and Non-Agenda Items (3 minutes)

No comments

### 6. Staff Updates

Mr. Chapman noted several of the large projects that are forthcoming in the County for 2018 and that he will keep the Comission up to date on any upcoming projects.

#### 7. Vote for Chairperson and Vice-Chairperson

Mr. Root stated that the election can be done by verbal nomination or by ballot. The Planning Comission agreedupon the nomination method. Mr. Gramling nominated Mr. Kisker for

Chairperson, Mr. Johnson nominated Mr. Pearson for Chairperson. Mr. Root stated that Mr. Kisker was nominated first and if he received the majority for the votes he will be nominated, if Mr. Pearson receives the majority of the vote than he will be chairman. Mr. Gamling, Mrs. Lyles and Mr. Kisker raised hands and by "I" in favor of Mr. Kisker. Mr. Vassey, Mr. Johnson, Mrs. McPhail and Mr. Pearson voted for Mr. Pearson by a show of hands and by "I" in favor of Mr. Pearson as chairperson for 2018. Mr. Pearson led the meeting after being elected Chairman. Mr.Pearson asked for nominations for vice-chair, Mr. Johnson nominated Mr. Kisker for Vice-Chairperson, Mr.Kisker was elected as vice-chariman, 7-0.

### 8. Discussion on Comprehensive Plan Review

Staff noted that the Land Use Element, was originally completed by a consultant and that any updates possible were completed by the Planning department. Staff noted that the 2020 update of the Land Use Element could be done by a consultant or may be possible by staff. The Priority Investment Element will be brought back for discussion at a later date.

#### 9. Discussion on priority items for 2018

Staff stated that there are two Items for this discussion in the backup material provided: Chapter 32.4 of the Oconee County Code of Ordinances which is the Planning Commission section of the ordinance and the Goals Element of the Comprehensive Plan. Mr. Kisker stated that Oconne County did away with the Capitol Projects Plan Advisory Board last year. Mrs. McPhail stated that the the Goals Element of the Comprehensive Plan should be brought back for further discussion by the Planning Comission.

#### 10. Discussion on staff Traffic Research

Staff stated that information obtained from the National Highway Traffic Safety Administration that rural areas make up 19% of the population, but account for 49% of the traffic fatalities, nationally. Mr. Chapman also noted several other statistics about collisions in the state and county.

#### 11. Old Business

None

#### 12. New Business

None

#### 13. Adjourn

Mrs. McPhail made a motion to adjourn at 6:36 pm

## YOU'RE INVITED



OCONEE COUNTY'S SESQUICENTENNIAL CELEBRATION KICK OFF

> 5 pm. MONDAY JANUARY 29, 2018

COUNTY COUNCIL CHAMBERS

Sun	Mon	Tue	Wed	Thu	Fri	Sat
28	29	30	31	1	2	3
А	5	6	7	0	9	10
-	5 🗘 6:00 PM - PLAN	€ 6:00 PM - CC	,	0 ↔ 5:30 PM - AERO	5	10
11	12	13	14	15	16	17
	12 ↔ 6:30 PM - AG	9:00 AM - CONSER + 5:30 PM - BUD + 5:30 PM - REFLM				
	19	20	21	22	23	24
	COUNTY OFFICES CLOSED	Ф 6:00 РМ - СС		़ 12:00 pm - prt		
25	26 🗘 6:00 PM - BZA	27	28	1	2	3
4	5	6	7	8	9	10

### OCONEE COUNTY PLANNING COMMISSION

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# Oconee County Roadway Collision and Fatality Research

Prepared for the Oconee County Planning Commission by the Oconee County Community Development Department

January 2018

### Accidents don't just happen. They are caused.

### Special thanks to :

Lisa Simmering - Oconee County GIS

Karl Addis - Oconee County Coroner

Kenneth Long Jr. - South Carolina Department of Protective Services

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### DIRECTIVES

n April 24th, 2017 Oconee County Council directed the Planning Commission to discuss and create a plan for Corridor Planning . The topics of consideration regarding the Corridors were traffic flow, signage, pedestrian friendly areas and shading parking lots. After a joint County Council & Planning Commission meeting on October 24th, 2017 the Council instructed Planning Commission to focus on mitigating traffic and roadway safety. Other priorities were the creation of secondary routes for traffic. Other issues that could be looked at were design and sign standards. On December 18th, 2017 the Planning Commission tasked the Planning and Zoning Department to create a baseline of facts and statistics regarding identified Corridors within Oconee County. This document is the deliverable.

### **EXECUTIVE SUMMARY**

The act of driving, being a passenger or being on the roadway as a pedestrian in Oconee County has been fatal for over 400 people in the last 24 years. Between 2012 and 2017 there were almost 8,000 collisions that resulted in 81 fatalities and over 3,000 injuries. Highways 123/76, 11 and 28 are the highways with the highest incidents of total collisions. Highways 123/76, 11 and 130 are the County's most fatal roadways. Driving under the influence and driving too fast for the conditions are the top causes of fatal wrecks in the County. Driving too fast for the conditions and failure to yield the right-of-way are the top causes of all collisions within the County. Driving to fast for conditions and driving under the influence are conditions which may be reduced utilizing a multidepartment, multi-agency approach with short, medium and long range plans and goals.

### **ROAD FATALITIES: NATIONALLY**

he National Highway Traffic Safety Administration (NHTSA) numbers, from 2015, indicate that drivers involved in accidents on rural roads are more likely to die then their urban counter-parts. There are a number of factors from seat-belt use and alcohol consumption to time-of-day and speeding that are found in higher rates in rural crashes<sup>1</sup>. According to a NHTSA study ", the total value of societal harm from motor vehicle crashes in 2015 was \$836 billion"<sup>2</sup>.

### NHTSA Quick Facts

- In 2015 there were 32,166 fatal crashes that resulted in 35,092 traffic fatalities, nationally. That is four deaths every hour.
- Of the 35,092 fatalities 17,114 were in rural areas.
- 19% of the U.S. population lives in rural areas but rural fatalities accounted for 49% of all traffic fatalities in 2015.

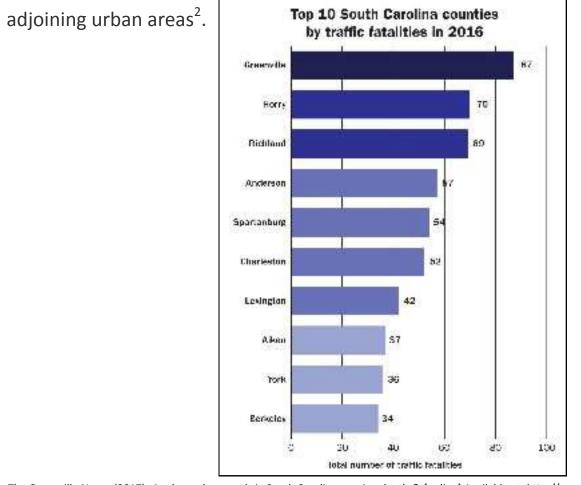
1.SOURCE : Geospatial Analysis of Rural Motor Vehicle Traffic Fatalities . NHTSA. Document DOT HS 811 196

2. DOT HS 812 013 2. Government Accession No. 3. Recipient's Catalog No. 4. Title and Subtitle The Economic and Societal Impact of Motor Vehicle Crashes, 2010 (Revised) 5. Report May 2015

### **ROAD FATALITIES: SOUTH CAROLINA**

n 2015, South Carolina had the highest fatality rate in the nation for miles traveled. It was 53 percent higher than the national average, according to a series of articles by the Greenville Sun. There has been almost a 27 percent increase in road deaths in the past three years , from 2014-2016<sup>1</sup>.

In South Carolina there is a significant difference in the percentages of overall fatalities that occur in urban areas and the percentages, when immediate rural areas are also included. Highway safety planners seeking to reduce rural fatalities in these States should concentrate their resources in the rural areas



1: The Greenville News. (2017). Are hazardous roads in South Carolina causing deaths?. [online] Available at: http://www.greenvilleonline.com/ story/news/2017/03/04/south-carolina-roads/97909854/ [Accessed 21 Dec. 2017].



### **OCONEE COUNTY COLLISIONS AND FATALITIES:**

### **BY THE NUMBERS**



### SUMMARY OF COLLISIONS AND FATALITIES IN OCONEE COUNTY 2012-2017

The table below highlights the damage to both people and property that collisions caused in Oconee County from 2012-2017. Almost 28% of all collisions result in injuries with almost 1% of all collisions resulting in fatalities. 2012 saw the most deaths in a single year for this timeframe with 22 persons killed. Over 3,000 people have been injured in this time frame with 2016 being the most injurious year with 626 persons injured.

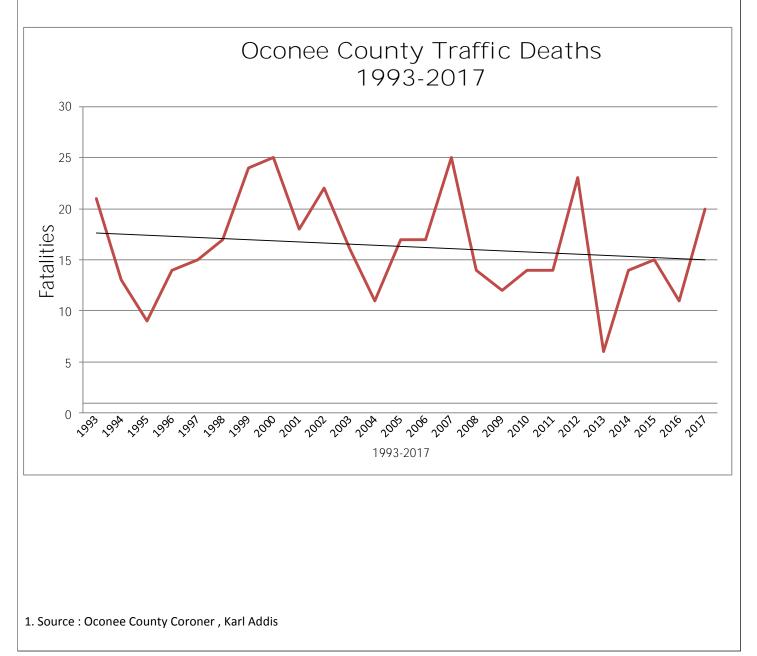
Oconee County Collisions 2012-2017 : Summary by Year							
Year	Fatal Collision	Injury Collision	Property Damage Only	Total Collisions	Persons Killed	Persons Injured	
2012	21	356	884	1,261	22	525	
2013	3	343	908	1,254	3	463	
2014	11	347	852	1,210	13	481	
2015	13	352	1,046	1,411	13	498	
2016	11	434	997	1,442	11	626	
2017	17	335	961	1,313	19	494	
TOTALS	76	2167	5648	7891	81	3087	

County Collisions 2012 2017 . Summ

### **ROAD FATALITIES: OCONEE COUNTY**



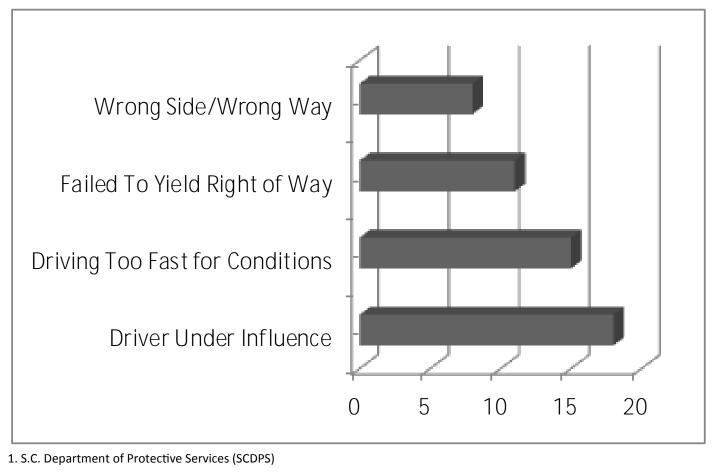
etween 1993 and 2017, 407 people have lost their lives roads within Oconee County. The decreasing number of deaths per year is promising as the trend-line indicates <sup>1</sup>. Between 2012 and 2017, 81 people have been killed in collisions in Oconee County.



# Top 5 reasons for Fatal Collisions in Oconee County 2012-2017

The five year time period of 2012-2017 was chosen to model the current statics on based upon the most complete data sets available in a timely manner. Of the 81 people who were killed in roadway accidents in the 2012-2017 time frame , 25% were due to the driver being under the influence of drugs or alcohol. Driving to fast for the conditions accounted for 21% of the fatalities. Failure to yield right-of-way was 15% of the fatalities and driving on the wrong-side of the road accounted for 11% of the fatalities.

# Number and Cause of the five most lethal actions on Oconee County Roadways. 2012-2017.



### ALL REASONS OF FATAL COLLISIONS IN OCONEE COUNTY

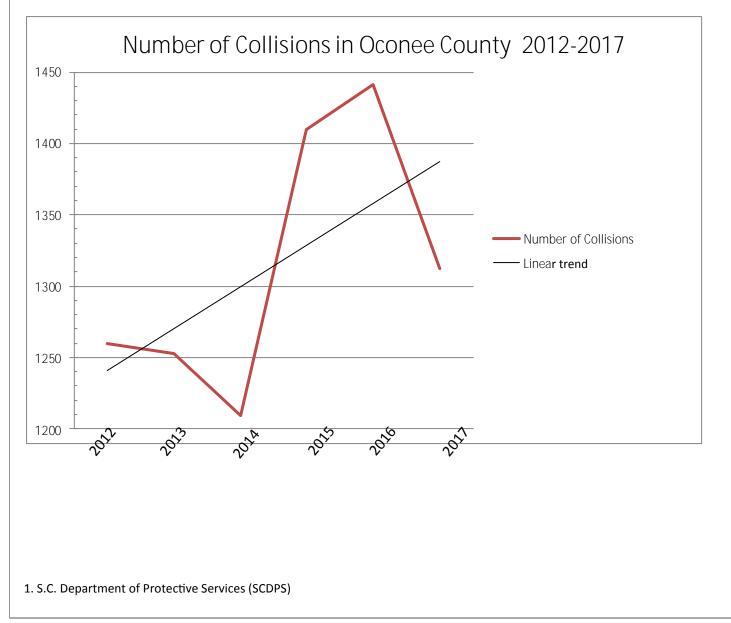
### 2012-2017

18
15
11
8
3
2
2
2
2
2
2
2
2
2
2
2
2
1
1

### **ROAD COLLISIONS IN OCONEE COUNTY**

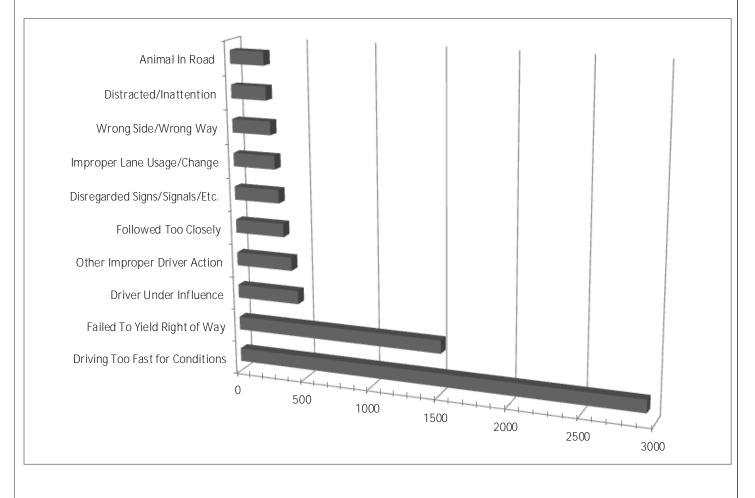
### 2012-2017

Between 2012 and 2017 there have been 7,891 collisions in Oconee County. The range of collision is fairly narrow , at only 232 collision difference between the lowest year , 2014, and the highest year , 2016. The trend line for this timeframe is showing an overall increase in the number of collisions. Less than 1% of the time are collisions fatal in Oconee County based upon the data from 2012-2017.



# TOP 10 REASONS FOR ROAD COLLISIONS IN OCONEE COUNTY 2012-2017

Of all the collisions from 2012-2017 there were 51 independent causative factors recorded. Driving too fast for the road conditions makes up 37% of all the accidents. Failure to yield right-of-way accounted for 19% of all collisions. Those two causes account for 56% of all the collisions the County has seen from 2012-2017. The other 8 of the top 10 reasons for road collisions in Oconee County account for approximately 36% of all the collisions.



### Top 10 reasons of collisions in Oconee County from 2012-2017

### ALL REASONS FOR ROAD COLLISIONS IN OCONEE COUNTY

### 2012-2017

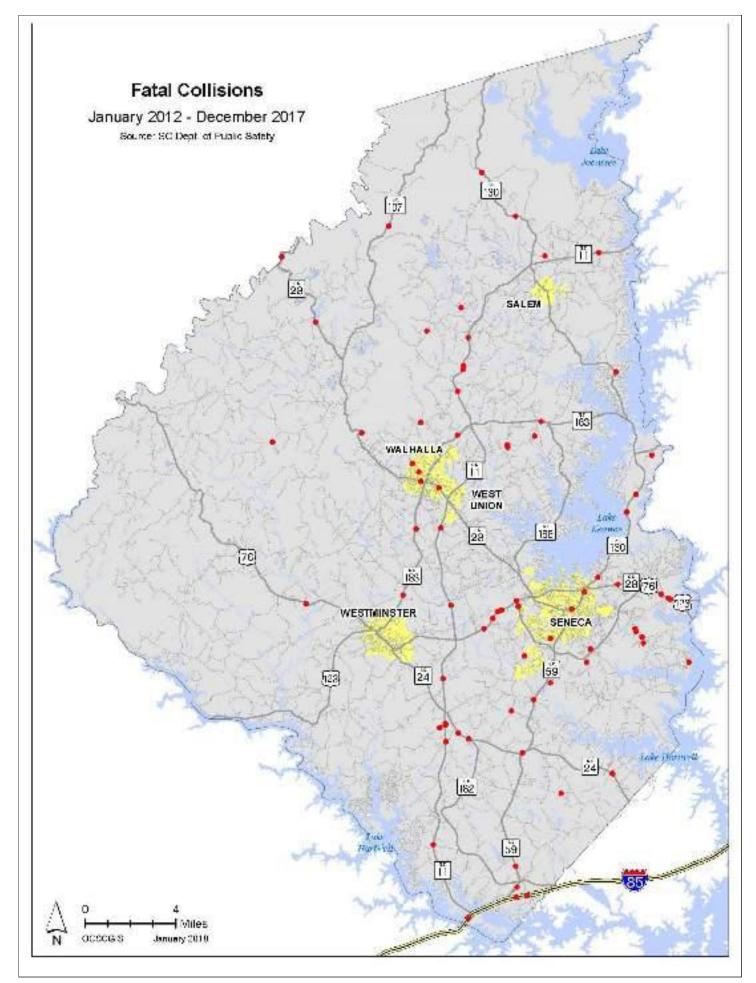
Driving Too Fast for Conditions	2946
Failed To Yield Right of Way	1519
Driver Under Influence	462
Other Improper Driver Action	418
Followed Too Closely	363
Disregarded Signs/Signals/Etc.	335
Improper Lane Usage/Change	311
Wrong Side/Wrong Way	287
Distracted/Inattention	261
Animal In Road	252
Unknown Driver Factor	141
Made an Improper Turn	129
Aggressive Operation of Vehicle	77
Medical Related	73
Obstruction In Roadway	36
Ran Off Road	34
Brakes	29
Tires/Wheels	27
Fatigued/Asleep	20
Exceeded Authorized Speed Limit	17
Swerving To Avoid Object	14
Debris	13
Weather Condition	13
Cargo	10
Over-Correcting/Over-Steering	10

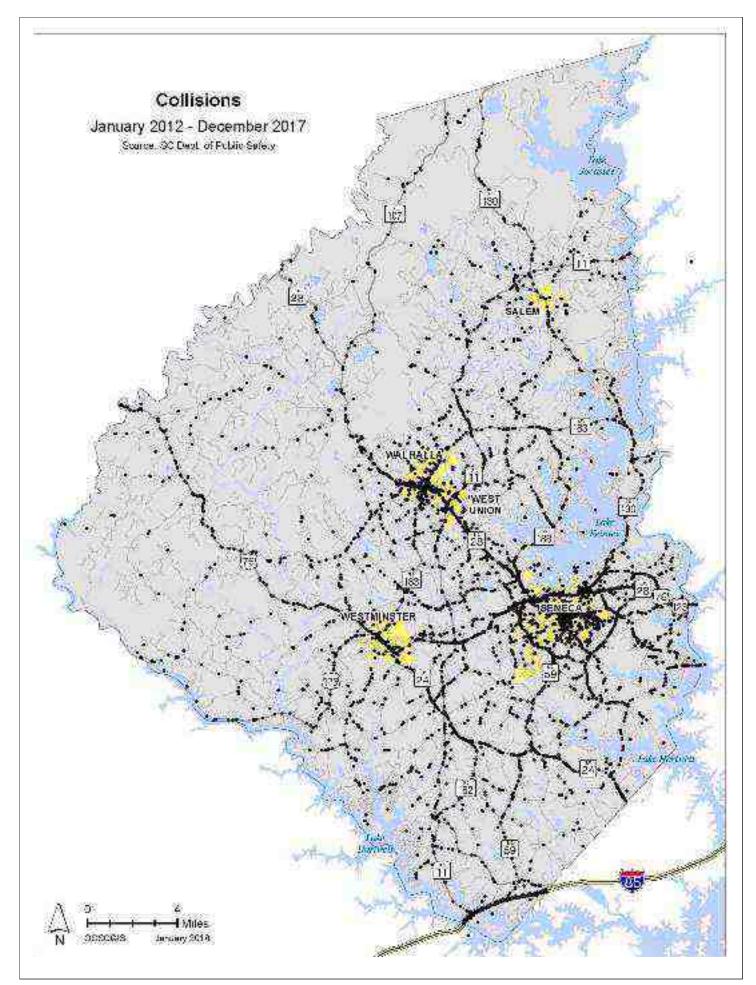
Vision Obscured (Within Unit)	10
Lying &/Or Illegally In Roadway	9
Non-Motorist Failed To Yield ROW	8
Other Environmental Factor	7
Power Plant	7
Steering	7
Lights	5
Road Surface Condition (i.e. Wet)	5
Truck Coupling	5
Improper Crossing	3
Obstruction	3
On Cell Phone	3
Other Vehicle Defect	3
Glare	2
Non-Motorist Inattentive	2
Not Visible (Dark Clothing)	2
Other Person Under Influence	2
Other Roadway Factor	2
Work Zone (Constr/Maintenance/Util)	2
Darting	1
Non-Motorist Wrong Side Of Road	1
Other Non-Motorist Factor	1
Texting	1
Unknown Environmental Factor	1
Unknown Vehicle Defect	1
Windows/Windshield	1

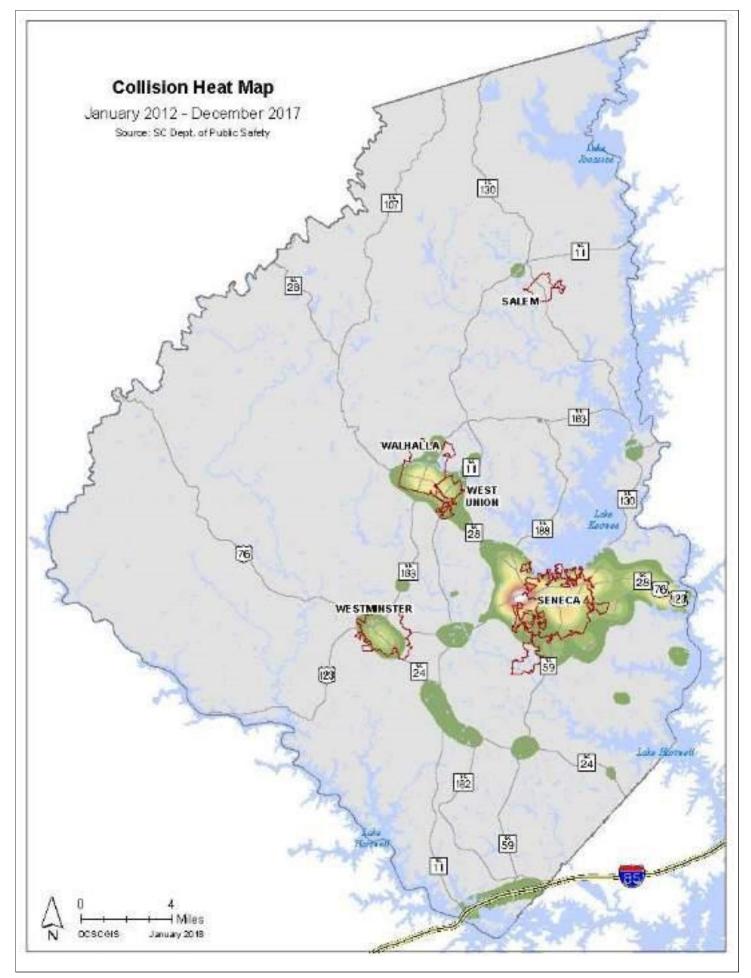
### **COLLISION LOCATIONS**

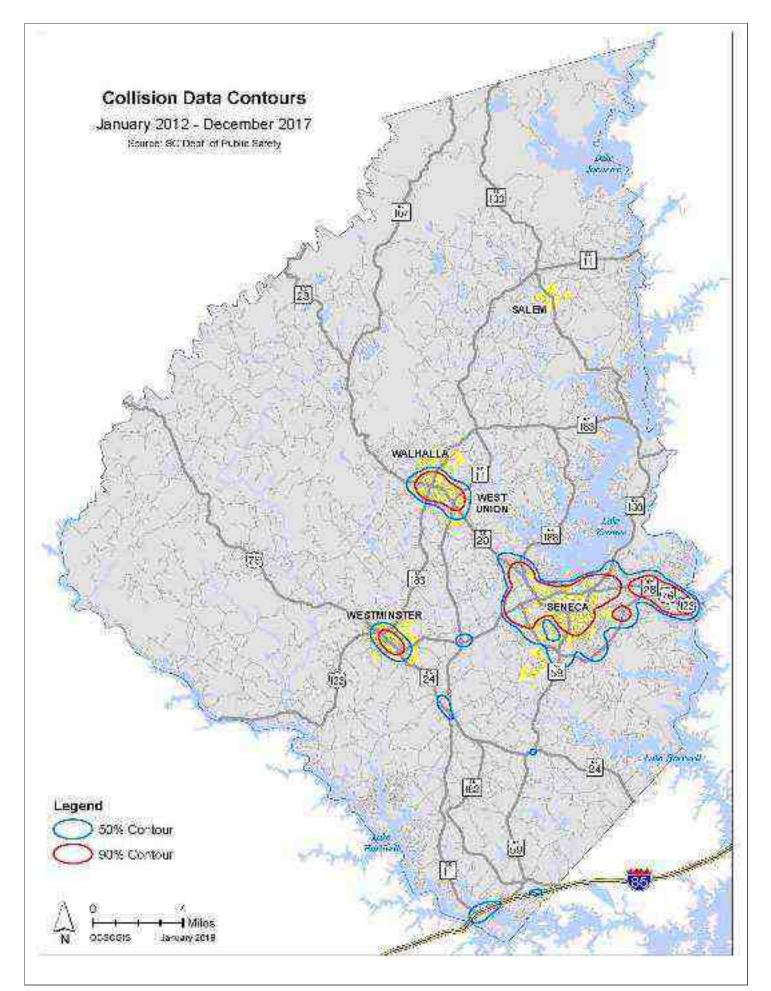
By the numbers, US76/123 has the most collisions. S.C. Highway 11 is the most deadly and most injury causing roadway. US76/123 had 1,937 collisions total with 10 total fatalities which is 0.55% fatality rate. Highway 11 had 401 collisions with 14 fatalities which is 3.5% fatality rate. S.C. 28 had the second most collisions with 553. S.C. 130 and S.C. 24 are the next two most lethal highways in the County.

2012-2017 Top 15 Roadways for collisions in Oconee County						
			Property			
Roadway	Fatal	Injury	Damage	Total	Persons	Persons
Roddwdy	Collision	Collision	Only	Collisions	Killed	Injured
			Collision			
US Primary-76	9	447	1,337	1,793	10	644
SC Primary-28	5	133	415	553	5	180
SC Primary-11	12	118	271	401	14	195
SC Primary-130	8	101	251	360	8	160
Secondary-488	2	82	218	302	3	127
SC Primary-59	3	91	198	292	3	141
SC Primary-183	4	59	215	278	4	88
SC Primary-24	5	77	183	265	6	126
Interstate-85	3	31	175	209	3	52
Secondary-37	4	55	130	189	4	69
Secondary-21	2	48	95	145	2	67
US Primary-123	0	42	102	144	0	61
Secondary-50	0	29	83	112	0	39
Secondary-135	0	27	79	106	0	40
SC Primary-188	0	24	80	104	0	30











### **Oconee County**

## Roadway Collision and Fatality Research



Oconee County Planning Commission

January 25th, 2018

### **Fatalities and Injuries**

. 1993-2017 = 400+ dead
. 2012-2017 = 81 dead
. 2012-2017 = 3,000+ injured

### **Top Reasons for Fatalities**

• D.U.I.

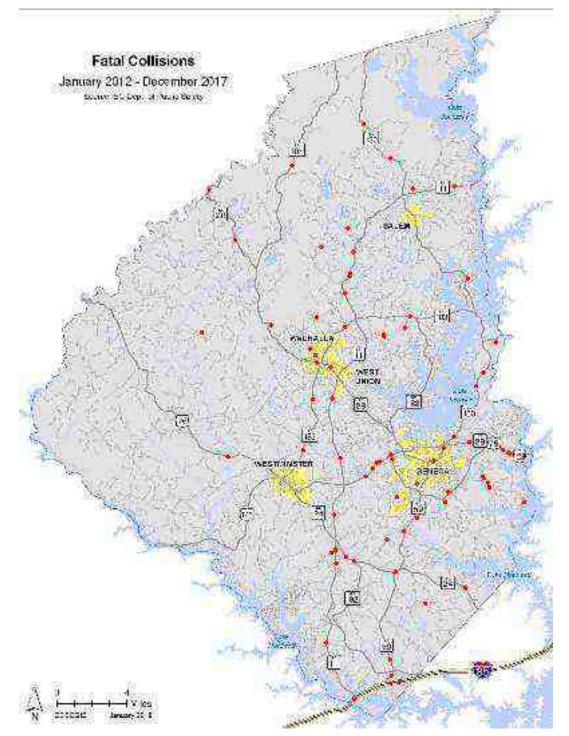
• Driving too fast for road conditions

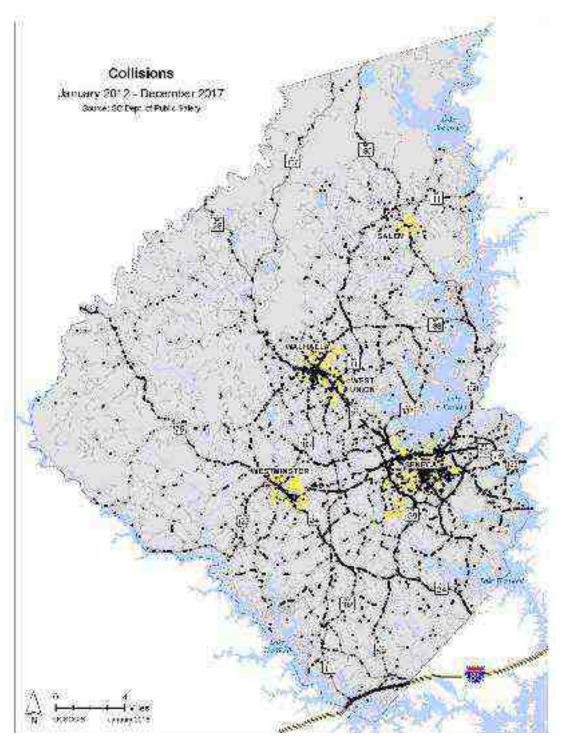
### **Top Reasons for non-fatal Collisions**

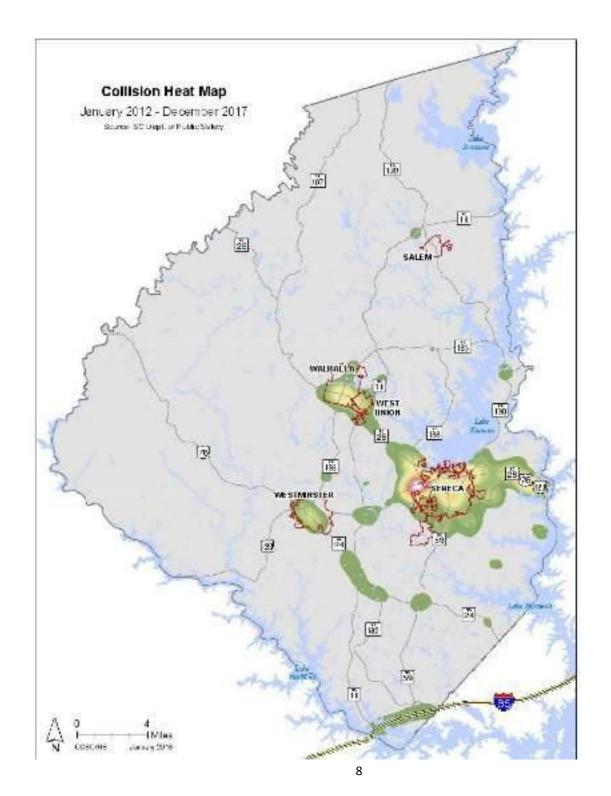
- Driving too fast for road conditions
  - Failure to yield right-of-way

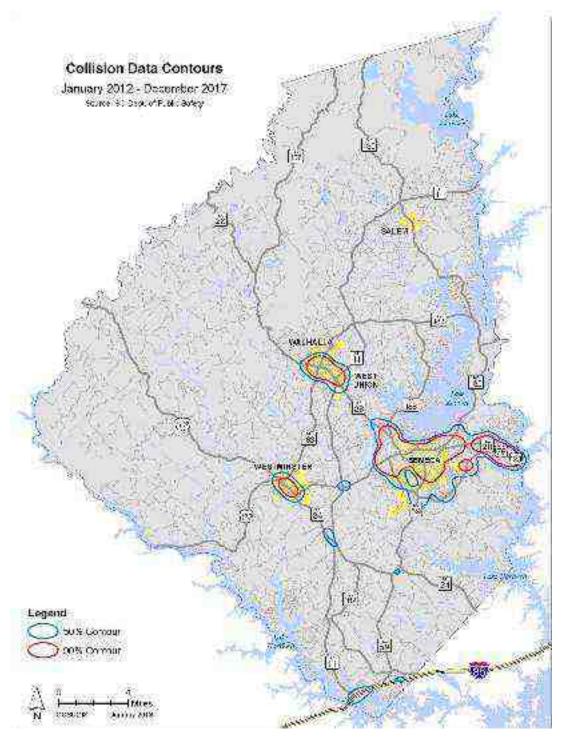
### 2012-2017

- Most Fatal Highway = Highway 11
- Most Injurious Highway = Highway 76/123
  - Most Collisions = Highway 76/123









### OCONEE COUNTY PLANNING COMMISSION

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This section contains the goals established by this Comprehensive Plan, which are based on the needs and desires set forth in the various elements. Each broad goal is supported by constituent objectives that address those identified needs, with appropriate strategies designed to ensure a successful outcome. It should be noted that specific objectives and strategies stemming from priorities established in more than one element have been appropriately stated to accomplish the desired results expressed in all elements (the elements to which each objective applies is noted). In addition, the county agencies deemed responsible for monitoring and facilitating the success of the effort are also named, as well as a timeline considered sufficient for completion.

## Preserve, protect, and enhance the quality and quantity of Oconee County's natural resources.

#### Objective 1: Work to guarantee adequate water distribution systems for present and future economic development in Oconee County.

Applicable Elements: Community Facilities; Economic Development

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Work to facilitate the establishment of a partnership with water providers aimed at expanding service into underserved unincorporated areas of the county.	Planning Commission; County Council	2012 Completed/ Ongoing Link to Seneca and Salem
2. Partner with municipalities in inventorying current condition of their water infrastructure systems to determine ability to accommodate future growth.	Infrastructure Advisory Commission; Planning Commission; County Council	Ongoing Not a County initiated project.
3. Work to develop agreements with water providers to coordinate with County on a plan provide for required fire protection for new development.	Emergency Services Commission; Planning Commission; County Council	2012 COMPLETED w/ Fire Station 10 at end of FY17

### *Objective 2: Improve and expand wastewater treatment within Oconee County.*

Strategies for Success	Agencies	Timeframe for
Strategies for Success	Responsible	Completion
1. Expand sewer service throughout areas designated	Planning Commission;	Ongoing
by the Land Use Element as primary areas of	County Council	Planning Commission
development, while implementing appropriate limits		to-do list
needed to avoid negative impacts on sensitive areas.		
2. Implement requirements for all developer-initiated	Planning Commission;	2012
sewer expansions to be configured with sufficient	County Council	COMPLETE
capacity to allow existing and future affected property		
owners to connect to the proposed line.		
3. Work with neighboring counties when possible to	Planning Commission;	Ongoing
establish regional efforts to expand sewer service into	County Council	Planning Commission
prime commercial and industrial locations.		to-do list
4. Partner with municipalities and Joint Regional	Infrastructure Advisory	Ongoing
Sewer Authority to coordinate efforts to provide	Commission; Planning	Completed/ Ongoing
sewer throughout high growth corridors.	Commission; County	with sewer South to
	Council	Golden Corner. Seneca
		& County did 13.2 miles.
5. Establish partnership(s) with regional, state, and	Planning Commission;	Ongoing
federal agencies to find funding sources for	County Council	TVA / ARC GRANTS
wastewater treatment needs.		
6. Study and establish increased access to sanitary	Parks, Recreation,	2013
boat dump stations on area lakes.	Tourism Commission;	COMPLETE
	Planning Commission;	Marinas at Keowee &

County Council

Applicable Elements: Community Facilities; Economic Development

Hartwell implementing

# Objective 3: Initiate efforts to develop the foundation of a county storm water management program prior to federal mandates, thereby allowing for the most efficient and cost-effective implementation possible in the event of designation.

Applicable Elements: Population; Natural Resources; Economic Development; Land Use

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Study and evaluate options available to jurisdictions designated by EPA to establish storm water management programs, identifying those attributes desirable for an Oconee County program.	Planning Commission; County Council	2011 With next Census Federal Regulations will be required.
2. Work with state and federal agencies as required to create necessary components of storm water program, when possible, through a phased approach that will lessen impact of meeting mandates.	Planning Commission; County Council	2011 "As Required"
3. Support regional efforts to protect watersheds.	Planning Commission; County Council	Ongoing This is activity falls under the jurisdiction of SCDHEC

# Objective 4: Establish a program of managing both water quantity and water quality throughout the county that will ensure efficient utilization, and appropriate conservation, of our greatest natural resource.

Applicable Elements: Population; Natural Resources; Economic Developmen	it: Land Use
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Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Work with state and federal agencies to establish a comprehensive network of water monitoring stations in Oconee County watersheds.	Planning Commission; County Council	2014 SCDHEC jurisdiction
2. Establish accurate 7Q10 rating for all water basins in Oconee County.	Planning Commission; County Council	2014 Was created as a reaction to ATL proposed withdrawals from the Chattooga. Not done.
3. Develop a county-wide water usage plan that defines water conservation practices for both normal and drought conditions, and insures that all users share equally in restrictions during drought conditions.	Planning Commission; County Council	2012 Water Commission was created. No plans adopted.
4. Partner with both public and private entities to develop a county-wide education program designed to promote water conservation.	Planning Commission; County Council	2012 Planning Commission to-do list
5. Study and evaluate the impact of Oconee County's water supply on ISO ratings, and the resulting cost of fire insurance, seeking to identify opportunities for better ratings.	Emergency Services Commission; Planning Commission; County Council	2012 COMPLETE
6. Partner with adjacent jurisdictions on comprehensive water studies detailing availability from all sources and usages/outflows.	Planning Commission; County Council	Ongoing Planning Commission to-do list

#### Objective 5: Preserve, protect and enhance Oconee County's environmentally sensitive lands, unique scenic views, agrarian landscapes, and topographic features.

Applicable Elements: Natural Resources; Land Use

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Encourage use of "Best Management Practices" in	Planning Commission;	Ongoing
farming and forestry operations.	Soil & Water	Soil & Water
	Conservation	Conservation
	Commission's ;County	Commission's area of
	Council	responsibility.
2. Work to partner with public and private entities in	Planning Commission;	2014
developing a countywide greenway system that will offer opportunities for nature-based recreation in areas where few currently exist.	County Council	Ongoing
3. Encourage and support collaboration between landowners and public and private agencies in the development of ecologically and economically sound plans for preservation and restoration of forests and farmland.	Planning Commission; County Council	Ongoing Establishment of OC Conservation Bank

### Objective 6: Promote partnerships and voluntary conservation easements to preserve significant lands and scenic areas under pressure.

Applicable Elements: Natural Resources; Land Use; Priority Investment

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Establish a county conservation bank to provide for the transfer of development rights and/or conservation easements to protect rural lands, sensitive areas, and significant natural resources.	County Council	2011 COMPLETE / ONGOING
2. Identify and establish various funding sources for the county conservation bank identified above; these may include grants, corporate gifts, a percentage of development permit fees, and annual revenue designations.	County Council	2011 COMPLETE / ONGOING

#### Identify, develop and utilize all tools and funding sources necessary to meet the present and future economic development needs of Oconee County.

Objective 1: Continue support of a comprehensive planning process to insure that the citizens of Oconee County possess accurate inventories and analyses of existing county conditions, and the opportunity to better manage anticipated future conditions.

Applicable Elements: Population; Natural Resources; Cultural; Housing; Community Facilities; Economic Development; Land Use; Transportation; Priority Investment

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Review and update the various components of the Oconee County Comprehensive Plan as needed, not restricted to the minimum time periods established in state regulations.	Planning Commission; County Council	Ongoing ONGOING
2. Improve communication and cooperation between the County and municipalities, state and federal agencies, and other public and private entities.	Planning Commission; County Council	Ongoing ONGOING Improvements have been made

#### Objective 2: Review, update, and adopt the Infrastructure Master Plan.

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Review and update the Infrastructure Master Plan, insuring that those steps identified provide for the future growth in the county and limit damage to sensitive areas and resources.	Economic Development Commission; Planning Commission; County Council	2011 Planning Commission to-do list
2. Adopt and implement the Infrastructure Master Plan.	County Council	2011 Infrastructure Master Plan Created NOT Adopted
3. Utilizing the elements of the Infrastructure Master Plan as a guide, work to establish a sustainable infrastructure upgrade and maintenance program supported by a steady revenue stream.	Economic Development Commission; Planning Commission; County Council	Ongoing No adopted plan. County cannot control State / City Roads

Applicable Elements: Economic Development; Priority Investment

# *Objective 3: Develop and implement an effective Capital Projects Program that provides the highest level of service and facilities for Oconee County's citizens.*

Applicable Elements: Population; Community Facilities; Priority Investment

Strategies for Success	Agencies Responsible	Timeframe for Completion
1 Seek partnerships with other agencies, municipalities, and private industry to eliminate unnecessary redundancy in facilities and services.	Planning Commission; County Council	Ongoing Building Codes is "one-stop" shop for power and sewer. County shared planner. Health Services Offices partnered with Clemson. DMV in County Treasurer's
2. Maintain a Capital Projects Plan with specifics on estimated costs for upgrades and replacements, with timeframes for getting new estimates.	Planning Commission; County Council	Office. Ongoing Planning Commission to-do list

#### Objective 4: Explore and evaluate alternative methods of obtaining revenue and grant monies to fund capital improvements and new infrastructure.

Applicable Elements: Community Facilities; Economic Development; Transportation; Priority Investment

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Identify and work to establish alternative revenue sources such as special tax districts and local option sales taxes.	Planning Commission; County Council	Ongoing
2. Adopt appropriate development impact fees to offset some of the cost of infrastructure and public services.	Planning Commission; County Council	2012 Planning Commission to-do list
3. Broaden utilization of grant monies to assist with capital projects.	County Council	Ongoing
4. Seek to establish public-private partnerships, user- based fees, and other revenue sources to help fund infrastructure.	County Council	Ongoing
5. Work with state and federal leaders to change formulas for state and federal funding that use Census figures that fail to account for the large percentage of non-resident property owners.	County Council	Ongoing Planning Commission to-do list

#### Objective 5: Create and/or update plans for specific priorities.

Applicable Elements: Population; Natural Resources; Cultural; Housing; Community Facilities; Economic Development; Land Use; Transportation; Priority Investment

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Review and update the Community Facilities Plan,	Planning Commission;	2012
amending it to reflect the impact of recent growth and	County Council	Planning Commission
the needs of the aging population.		to-do list
2. Partner with municipalities to develop coordinated	Economic Development	2014
5- and 10- year Economic Development Plans.	Commission; Planning	ONGOING
	Commission; County	Propex facility, E.D.
	Council	plans, Walhalla
		Industrial & Tech Park
3 Update and adopt the 2004 Infrastructure Master	Economic Development	2011
Plan.	Commission; Planning	Falls outside the
	Commission; County	purview of Planning
	Council	Commission.
4. Evaluate, amend, and implement recreation plans,	Parks, Recreation and	Ongoing

as necessary.	Tourism Commission;	<b>Recreation Task Force</b>
	County Council	

### *Objective 6: Complete and properly maintain Oconee County's Geographic Information System (GIS).*

Applicable Elements: Population; Natural Resources; Cultural; Housing; Community Facilities; Economic Development; Land Use; Transportation; Priority Investment

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Complete digitization of parcel data, and implementation and integration of Tax Assessor's CAMA system.	County Council	2011 COMPLETE
2. Expand public access to GIS, emphasizing the accuracy of data collected, usability of mapping website, and the maintenance of data collected.	County Council	Ongoing COMPLETE
3. Establish and maintain a GIS administrative structure that not only promotes efficient service for county agencies, but also serves the mapping needs other public and private entities.	County Council	2010 COMPLETE

### *Objective 7: Continue to actively promote the recruitment of employment opportunities that provide the best lifestyle for all Oconee residents.*

Applicable Elements: Population; Economic Development

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Work with state and federal agencies to attract agribusiness-related grants and revenue sources, and support efforts to establish pilot programs related to new agricultural technologies and products.	Planning Commission; County Council	Ongoing Oakway School & FARM Center
2. Provide appropriate assistance to expand non- traditional and specialty agribusiness opportunities.	County Council	Ongoing Agriculture Advisory Board
3. Continue partnerships in regional economic development recruitment efforts.	Economic Development Commission; Planning Commission; County Council	Ongoing OEA and Business Partenerships
4. Partner with area colleges and universities to expand local technical training facilities.	Economic Development	Ongoing Tri-County Tech at

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	Commission; Planning Commission; County Council	OITP
5. Develop sustainable funding mechanism to maintain availability of structures adequate for the needs of modern industry; this may include, but is not limited to, expansion of revenues designated to economic development, public-private partnerships, and grants.	Economic Development Commission; County Council	Ongoing Santee-Cooper Loan
6. Ensure that all governmental actions be considerate of racial, religious, and cultural groups that comprise Oconee County's population.	County Council	Ongoing

Establish an efficient, equitable, and mutually compatible distribution of land uses that complements Oconee County's traditionally rural lifestyle, yet supports sustainable economic development, protects the environment, and manages future growth and changes.

### Objective 1: Encourage development in a way that protects and preserves our natural resources.

Applicable Elements: Population; Natural Resources; Cultural; Housing; Community Facilities; Economic Development; Land Use; Transportation; Priority Investment

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Review and update existing land use regulations as needed, to facilitate development that preserves forests, prime agricultural lands, sensitive areas, and natural resources.	Planning Commission; County Council	Ongoing
2. Develop reasonable regulations regarding the development of steep slope areas.	Planning Commission; County Council	2011 ONGOING/ Planning Commission to-do list
3. Establish green space/open space requirements for new developments.	Planning Commission; County Council	2011 Planning Commission to-do list
4. Establish strategies and adopt measures necessary to create the framework for the efficient implementation of erosion and sediment control regulations.	Planning Commission; County Council	2011 ONGOING
5. Support efforts to educate public in the use of best management practices for construction sites.	Planning Commission; County Council	Ongoing Located in I.B.C.
6. Consider, and possibly adopt, regulatory components of a program to expand the natural vegetative buffer requirement to all lake front properties; this may or may not include provisions for increasing the size of the buffer to 50 feet.	Planning Commission; County Council	2013 Planning Commission to-do list
7. Establish a mitigation program for littered and unsafe properties, utilizing funding from alternative funding sources such as state and federal grants, or possibly specialized tax levies.	Planning Commission; County Council	2012 ONGOING Litter control Ordinances and Officer

#### Objective 2: Manage development in a manner that ensures our natural resources and lifestyle serve to enhance a sustainable economic prosperity.

Applicable Elements: Population; Natural Resources; Cultural; Housing; Community Facilities; Economic Development; Land Use; Transportation; Priority Investment

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Utilize the countywide zoning process to plan	Planning Commission;	Ongoing
appropriate development and protect special areas	County Council	Planning Commission
through rezonings and overlays.		to-do list
2. Work to manage urban/suburban development in	Planning Commission;	Ongoing
Oconee County to insure adequate infrastructure is in	County Council	
place to support balanced growth in primary growth		
areas, while limiting urban sprawl and protecting those areas deemed special.		
3. Identify potential county industrial sites in	Economic	Ongoing
appropriate areas, and work with public and private	Development	OITP (Money and
entities to secure funding to purchase select properties	Commission;	Development), Seneca
for potential projects within prime industrial areas.	Planning Commission;	Rail Site, Demo of
	County Council	Manufacturing Site in
		Westminster. Golden
		Corner Sewer
4. Promote a diverse economy that includes a mix of	Economic	Ongoing
employment sectors, including ecotourism, to insure	Development	Agri-Tourism, FARM
Oconee County remains economically competitive.	Commission;	Center, Oakway
	Planning Commission;	School
	County Council	

Manage our community facilities, infrastructure, and public resources in a manner that ensures both the existing population and future generations may enjoy the benefits and economic opportunities that make Oconee County an attractive and affordable place to live.

### Objective 1: Seek local, state, and federal funding support in efforts to expand and enhance educational opportunities for Oconee County residents.

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Expand coordination of planning efforts with School District of Oconee County to ensure decisions related to school projects are made with the most complete information available, to include all issues related to infrastructure, accessibility, and traffic planning.	Planning Commission; County Council	2011 State chooses sites and handles traffic issues.
2. Continue to look for opportunities to support and enhance job training, education, and adult back-to- school programs by fostering ties with area universities and vocational technical colleges; this may include promoting the development of satellite programs for better access by local residents.	Economic Development Commission; Planning Commission; County Council	Ongoing TCTC in OITP Career Day Fair Leadership Class
3. Provide the School District of Oconee County appropriate assistance in efforts to enhance and upgrade education.	County Council	Ongoing 2.2 Mils
4. Prioritize expansion and upgrades of libraries through the capital improvements plan and coordinate their location with available infrastructure and the location of schools.	Library Board; Planning Commission; County Council	Ongoing

Applicable Elements: Community Facilities; Economic Development

## Objective 2: Promote and enhance access to affordable housing through both public and private cooperation.

Applicable Elements: Population; Housing; Economic Development; Priority Investment

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Create a Housing Task Force, non-profit housing agency, or Trust which would analyze regulatory barriers and seek market-based incentives to promote affordable housing.	Planning Commission; County Council	2011 Planning Commission to-do list
2. Review and amend land development and subdivision regulations as needed to provide incentives to promote the development of high-quality, low-cost housing.	Planning Commission; County Council	2012 Ongoing. Special Exemption for Habitat for Humanity
3. Work with state and local government to find funding sources, such as growth management infrastructure grants, to assist public and private entities seeking funds to develop and rehabilitate high- quality, low-cost housing.	Planning Commission; County Council	Ongoing Planning Commission to-do list
4. Work with local, state, and federal agencies to reduce barriers to affordability; this may include one- stop permitting, pre-approved affordable housing plans, and payback mechanisms for upgrades to infrastructure.	Planning Commission; County Council	Ongoing One stop pre-approval partnership with municipalities for low- cost housing
5. Adopt and enforce substandard housing regulations needed to ensure health and safety; this may include the adoption of the International Property Maintenance Code.	Planning Commission; County Council	2011 COMPLETE

## Objective 3: Upgrade solid waste facilities to improve services and allow for needed upgrades and expansion to provide for anticipated growth.

Applicable Elements: Community Facilities; Economic Development; Priority Investment

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Study options and develop long-range solution for the County's solid waste needs; these may include, but are not limited to, constructing an in-county landfill, partnering with other jurisdictions in developing a regional landfill, or the continuation of long-term contracts with outside parties.	Planning Commission; County Council	2011 ONGOING. Solid Waste Ordinance. Update Solid Waste Plan. PC TO DO LIST.
2. Seek to partner in the development of a solid waste research facility at a regional landfill.	Planning Commission; County Council	Ongoing Regional Landfills dying
3. Identify and construct additional construction and demolition landfill sites within the county.	Planning Commission; County Council	2014 Expanding existing. Private landfills being built.
4. Work to reduce the volume of solid waste through increased recycling and composting.	Planning Commission; County Council	Ongoing
5. Seek out innovative and alternative technologies that not only provide for a long-term solution to current and projected solid waste needs, but may also be used in the future to mitigate and reclaim closed facilities.	Planning Commission; County Council	Ongoing Planning Commission to-do list / Incinerators and Single Stream were studied and proved costly.
6. Seek and establish appropriate uses for closed landfill areas, which may include, but will not be limited to, the establishment of solar power generation facilities and appropriate recreation facilities.	Planning Commission; County Council	2014 Planning Commission to-do list

### *Objective 4: Regularly review public safety needs and enhance facilities as required.*

Applicable Elements: Community Facilities; Priority Investment

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Review and upgrade existing emergency facilities plans on a regular basis, implementing established	Emergency Services Commission;	Ongoing
goals in a systematic manner.	Planning Commission; County Council	
2. Provide local public safety agencies appropriate assistance in obtaining funding to expand and upgrade operations.	Emergency Services Commission; County Council	Ongoing
3. Coordinate local public safety planning and activity with regional, state, and federal agencies.	Emergency Services Commission; Planning Commission; County Council	Ongoing
4. Seek to partner with private entities in the development of emergency satellite facilities and specialized response equipment.	Emergency Services Commission; Planning Commission; County Council	Ongoing

# Objective 5: Continue to monitor closely Oconee County's compliance with state and federal air-quality standards, adopting and maintaining reduction strategies as necessary.

Applicable Elements: Natural Resources; Housing; Land Use

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Monitor results of current and future radon research.	Planning Commission	Ongoing Planning Commission
2. Partner with Home Builder's Association and other stakeholders to develop a radon response program; this may include, but is not limited to, an educational component that provides information related to both the cost-savings and potential health benefits of incorporating a radon-mitigation option in early construction stages, or the adoption of new standards requiring proven mitigation methods.	Planning Commission; County Council	to-do list 2012 Planning Commission to-do list
3. Amend and adopt standards as necessary to	Planning Commission;	Ongoing
maintain compliance with the Clean Air Act.	County Council	COMPLETE

# Objective 6: Work to address the age-related problems that may arise among Oconee County's aging population, particularly focusing on issues not adequately dealt with by state and federal efforts.

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Review and upgrade county-owned medical/residential/nursing care facilities as needed.	County Council	Ongoing
2. Support municipalities in efforts to establish public transportation, seeking ways to expand into various parts of the unincorporated areas as appropriate.	Planning Commission; County Council	Ongoing CAT bus grant
3. Continue to explore ways to increase the efficiency of emergency medical services throughout the county.	Emergency Services Commission; County Council	Ongoing GHS EMS medical response targets.
4. Seek partnerships with public and private entities to study age-related issues, particularly as they relate to potential impacts on Oconee County.	County Council	Ongoing

Applicable Elements: Population; Community Facilities; Priority Investment

# Objective 7: Upgrade and maintain the county road system in a manner that meets the needs of Oconee County's growing population and provides safe and efficient routes through the county.

Applicable Elements: Population; Community Facilities; Economic Development; Transportation; Priority Investment

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Develop an ongoing systematic road maintenance and upgrade program based on a steady revenue sources.	Road Department; Planning Commission; County Council	2012 ONGOING
2. Develop and maintain a priority road upgrade list that not only considers existing traffic 'bottlenecks' and other sources of trouble, but also reasonably anticipates those expected to emerge in the coming decade.	Road Department; Planning Commission; County Council	2012 ONGOING
3. Consider and adopt appropriate traffic management tools and techniques that utilize concepts such as limiting the number of curb cuts in high-traffic areas.	Road Department; Planning Commission; County Council	Ongoing Planning Commission to-do list
4. Prioritize evaluation of all roads lying within primary development areas shown on the Future Land Use Map.	Road Department; Planning Commission; County Council	Ongoing
5. Continue to require developers to provide traffic studies to determine if a road must be upgraded to safely handle increased traffic loads and to cover the costs of road upgrades when necessary.	Road Department; Planning Commission; County Council	Ongoing
6. Enhance communication with local and state D.O.T. staff and projects.	Road Department; Other County Staff	Ongoing

# Objective 8: Continue to evaluate and fund public transportation in urbanizing areas of Oconee County, expanding as needed to provide for ongoing growth and development.

Applicable Elements: Population; Transportation; Priority Investment

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Promote and assist in the establishment of commuter parking lots to help encourage car pooling, and decrease traffic congestion.	Planning Commission; County Council	Ongoing
2. Continue to partner with Clemson Area Transit (CAT) in keeping existing services, while looking for other opportunities to expand public transportation, to include, but not be limited to, van services and other non-traditional forms of mass transit.	Planning Commission; County Council	Ongoing Non- traditional not included. Two mass transit studies. Funding issues ( Busses are \$300k each)
3. Seek and secure methods of expanding transportation in remote areas for clients of facilities such as DSS, hospitals, medical complexes, government facilities, and parks.	County Council	Ongoing Shared area of Responsibility
<ol> <li>Support efforts to establish a high-speed rail stop in Clemson, SC and/or Toccoa, Georgia.</li> </ol>	Planning Commission; County Council	Ongoing Planning Commission to-do list
5. Seek and establish appropriate methods of mass transit that will promote and enhance tourism; these may include, but are not limited to, water taxis, tour boats, and other modes of transport that allow tourists and residents to enjoy natural resources without dramatically increasing traffic.	Mtn. Lakes Conv. & Visitors Bureau; Parks, Recreation and Tourism Commission; County Council	Ongoing Self-guided tourism , camp ground upgrades

### *Objective 9: Expand bicycle and pedestrian routes to allow for greater use of alternative forms of transportation, and to promote ecotourism opportunities.*

Applicable Elements: Natural Resources; Transportation; Priority Investment

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Develop standards that encourage developers to	Planning Commission;	2013
incorporate sidewalks and bicycle trails into	County Council	Ongoing
subdivision developments.		County parks / ramps
		upgraded
2. Seek grants for creating nature trails, sidewalks,	County Council	Ongoing
bicycle lanes, and other tools designed to make		
communities more walkable, reduce vehicle traffic,		
and improve safety for pedestrians and cyclists.		
3. Upgrade county-maintained parks and recreational	Parks, Recreation and	Ongoing

facilities to encourage and promote ecotourism opportunities.

Objective 10: Continue upgrades to the Oconee County Airport in a manner that not only serves existing clientele, but will establish the facility as one of the premier small airports in the nation.

Applicable Elements: Community Facilities; Economic Development; Transportation; Priority Investment

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Complete ongoing expansion of runway length and upgrade of instrument landing system.	Aeronautics Commission; County Council	2014 COMPLETE
2. Construct planned future upgrades, to include relocation of roads, strengthening of runway, as well as any other necessary components as funding becomes available.	Aeronautics Commission; County Council	2014 Ongoing
3. Construct additional hangar space as needed to accommodate anticipated demand.	Aeronautics Commission; County Council	Ongoing
4. Develop ongoing capital improvements program aimed at upgrading facility to attract additional employers and potential occupants of business parks within the county.	Aeronautics Commission; County Council	2014 Complete and Ongoing
5. Seek and establish ways to utilize airport to foster partnerships with Clemson University	Aeronautics Commission; County Council	Ongoing Clemson Flying Tigers & Hangar lease agreements.

# Objective 11: Establish programs to review all existing community facilities to determine needed changes resulting from both the aging of the facilities and the rapid population growth of Oconee County.

Applicable Elements: Population; Community Facilities; Priority Investment

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Review and update Community Facilities Plan,	Planning Commission;	2013
amending to reflect impact of recent growth and	County Council	No Community
development and needs of aging population.		Facilities Plan.
		Planning Commission
		to-do list
2. Utilize Capital Improvements Plan to	Planning Commission;	Ongoing
systematically construct and upgrade facilities	County Council	No Community
identified in Community Facilities Plan.		Facilities Plan

#### Expand appreciation for the arts, cultural heritage, significant natural features, and historic treasures in a manner that both enhances our lifestyle and promotes sustainable economic prosperity.

### Objective 1: Promote a countywide arts program to facilitate an appreciation for the arts and other cultural facilities found within Oconee.

Strategies for Success	Agencies Responsible	Timeframe for Completion
1. Seek partnerships and other forms of assistance for the School District of Oconee County in supporting the arts.	Parks, Recreation, Tourism Commission; County Council	Ongoing
2. Support local festivals and entertainment events that promote the heritage of the region; this may include, but not be limited to, grants and other appropriate forms of financial assistance.	Parks, Recreation, Tourism Commission; County Council	Ongoing County holds a number of events
3. Seek to expand role of the Oconee County Heritage Museum in documentation and preservation of local cultural and historical treasures; this may include, but not be limited to, funding of facility upgrades, establishment of various programs and partnerships aimed at promoting specific resources, and addition of staff positions.	Parks, Recreation, Tourism Commission; County Council	Ongoing \$30k per year and an employee. Solicitation of donations and artifacts.
4. Support high quality library facilities, programs, and services that enhance, enrich, entertain, and educate our diverse and growing population and present opportunities for life-long learning and the exchange of culture	Library Board County Council School District	Ongoing

Applicable Elements: Population; Cultural; Community Facilities; Priority Investment

# Objective 2: Conserve and protect features of significant local, regional and national interest, such as scenic highways, state parks, and historic sites and expand efforts to promote them for tourism.

Agencies **Timeframe for Strategies for Success** Responsible Completion 1. Seek to insure the preservation and protection of Parks, Recreation. Ongoing sites and facilities currently listed on historic registers Tourism Commission: Courthouse to National in Oconee County; this may include, but is not limited Planning Commission; Registry to, the development of partnerships to assist in the County Council purchase of development rights, and adoption of standards governing future alterations. 2. Study and identify any additional cultural and Parks. Recreation. 2012 historic properties worthy of consideration on historic Tourism Commission; Complete and Ongoing registers. Planning Commission; County Council 3. Provide assistance to local historical and cultural County Council Ongoing groups in efforts to obtain funding to study, maintain and manage Oconee County historical sites. 4. Update and maintain GIS data and maps that can Parks, Recreation, 2013 be printed and/or displayed on the county website, to Tourism Commission; COMPLETE provide the public with information on the location of Planning Commission; historical and cultural sites. County Council 5. Provide appropriate financial and technical support Parks. Recreation. 2014 DEFUNCT to the development of the Southern Appalachian Tourism Commission; Farmstead Project currently underway in conjunction County Council with the U.S. Forest Service and other governmental entities. 2013 7. Review and adopt appropriate standards aimed at **County Scenic** maintaining the state 'Scenic Highway' designation Highway Committee: COMPLETE for SC Highway 11 and other routes; such standards Parks, Recreation. may be based on adopted Scenic Hwy Corridor Plans Tourism Commission; or best practices, and may include the designation of Planning Commission; the route as a County Scenic Highway. County Council 8. Review and update adopted regulations as needed Parks, Recreation, Ongoing to ensure all cultural, historical, and natural resources Tourism Commission; receive the protection necessary to remain a viable Planning Commission; component of our lifestyle, as well as playing a role in County Council an expanding tourism economic sector.

Applicable Elements: Natural Resources; Cultural; Land Use; Priority Investment