The Effects of Wildfires
On Tourism in the
State of Florida

Pat Ryan
5-20-02
Geography Senior Thesis
Abstract

The purpose of this paper is to determine whether or not wildfires in the state of Florida in 1998 had a great effect on tourism in the State of Florida. I hypothesize that there will be a major effect on tourism from the fires. This paper will show how and if there has been an impact on tourism in Florida due to wildfires that occur each year. Data from 1995 to 2000 will be analyzed. I will look at the number of fires and the number of acres burned each year. The number of tourists and the tourism/recreation taxable sales figures will analyzed.
The literature on the relationship between wildfires and tourism is not as vast as other subjects. It appears that there is not much out there in terms of research on this particular subject. In order to do a thesis on tourism, it is important to relate what tourism is and what tourism consists of.

According to Dimitri Ioannides (1995), there is a strong link between the geography of the production of tourism and other businesses such as manufacturing. Many different city, state, national, and international governments and agencies consider tourism to be inferior to other areas of economic activity, such as manufacturing. There have been “accusations that tourism commonly suffers from low productivity levels and wages plus seasonal variations.” (Ioannides, 1995)

Areas that could be considered part of the tourism industry actually only make a fraction of their business from tourists. These are businesses such as hotels, restaurants, and airlines. Airlines play a vital role in the tourism industry but cannot be considered strictly a tourist industry. This is because of the role airlines play in business travel and other types of travel (family). Many governments play vital roles in the promotion of tourism at the state level. (Ioannides, 02-1995)

Florida always has been known as a great vacation and tourist destination. There are a great number of combinations that draw tourists to the state of Florida. These include ideal weather conditions, with the exception of hurricane season, which is from June through November (especially in the winter months when most of the United States
is experiencing cold weather, it is typically warm in Florida), Walt Disney World, built in
1971, and other theme parks and attractions. A strong economy and low unemployment
tend to lead people to vacation, and new statewide attractions are being added. They
include state and national parks, and professional and intercollegiate athletics.

Between the years of 1995 and 1996 tourism was estimated to rise approximately
two and one half percent. Therefore, tourism in Florida has been on the rise. Florida had
over forty-two million out of state visitors in 1996. Florida brings in approximately
thirty-five billion dollars from tourists annually. (Coolidge, 1997)

In a similar study of the effects of wildfires on tourism, Montana had similar
events occur. In the state of Montana, fires have been a problem, but not a major
problem to the tourist industry. Montana’s economy does not rely as heavily on tourism
as Florida’s economy does. According to Wilkinson (2000), merchants and tourism
officials there did not feel that the fires experienced in 2000 were as critical as made out
to be. They felt that the images shown on television news reports made it appear that the
whole state of Montana was on fire. In reality, only small portions of land were burning.
Therefore, there is a possibility that medias blow these types of events out of proportion
and make them seem worse than they actually are. (Wilkinson, 2000)

In Florida there are more tourist attractions than in Montana. For instance, during
the wildfires that raged through Florida in 1998, from June to mid-July, the Pepsi 400
NASCAR race at Daytona International Speedway was cancelled and the rescheduled for
October of the same year. This event annually attracts approximately 250,000 people.
Also, state officials ordered that a 125-mile stretch of Interstate 95 be shut down from
Jacksonville to Titusville. That is one of the major highways in the state of Florida. In
the month of July 1998, in Florida, businesses suffered greatly economically. One businessman that runs an arcade and bar reported an eighty percent drop in income that month alone (Williams, 1999). By the end of the wildfires in Florida, it was reported that all sixty-seven counties in Florida had wildfires. (Richey, 06-24-1998)
Pat Ryan

Methodology

The data sources and methodology undertaken in this study were very straightforward. First data was received from the Florida Department of Forestry and from Tom Flanigan Director of Communications at www.flausa.com. Next the data was organized.

The data received from the Florida Department of Forestry were the number of fires and the number of acres burned per county. Next I had to find a way in which it would be easier to analyze the data. After some searching, I found that the Florida Department of transportation breaks the state into seven different districts. These include the Southwest, Northeast, Northwest, Southeast, Central, South, and West Central Florida. The following step was to determine how many fires and numbers of acres burned in each district. I did this by finding which counties belong to which district and then simply assign up the numbers that were provided to me by the Florida Department of Forestry.

The next step was to determine if the fires actually affected tourism. I started by trying to search for the numbers of each year, in Florida, via the Internet and various reference books and journals. I could not come up with anything. I then went to www.flausa.com and found some of this data that I was searching for. However, it was incomplete, it only showed data from the years 1994-1997. I contacted Tom Flanigan and he was able to provide new figures for me. Next, I determined whether or not the number of tourists had changed year from year based on the fires.
Next, I wanted to see how the fires might have affected the income from the tourists. Mr. Flanigan was able to provide me with the figures I was looking for. These were the Florida tourism/recreation taxable sales figures. These figures are anything that relates to the tourism industry, including accommodations, restaurants, attractions, and other things. I then had to determine whether or not the taxable sales figures had changed at all between the years of 1995-2000. I then graphed the results.

Finally, I based my conclusion on the results from this analysis, since it had such horrible fires (many of which received national news coverage); I used 1998 since that was the year I tested for an impact between fires and tourism. The years 1995-1997 and 1999-2000 are used to compare and analyze the impact of the wildfires. This way I could see what, if any, residual affects there were from the wildfires. When looking at the number of tourists and the taxable sales figures it is best to see how they increased or decreased both before and after the wildfires of 1998.
District 1

SOUTHWEST FLORIDA


(Florida Department of Transportation)
District 2

NORTHEAST FLORIDA

- Major cities: Gainesville, Jacksonville, Lake City, Palatka, Perry, Saint Augustine, and Starke.

(Florida Department of Transportation)
District 3

NORTHWEST FLORIDA

- Major cities: Apalachicola, Chipley, Crestview, Fort Walton Beach, Marianna, Panama City, Pensacola, Quincy, and Tallahassee.

(Florida Department of Transportation)
District 4

SOUTHEAST FLORIDA

- Major cities: Belle Glade, Boca Raton, Fort Lauderdale, Fort Pierce, Hollywood, Pompano Beach, Royal Palm Beach, Stuart, Vero Beach, and West Palm Beach.
- Counties: Broward, Indian River, Martin, Palm Beach, and St. Lucie.

(Florida Department of Transportation)
District 5

CENTRAL FLORIDA

- Major cities: Daytona Beach, DeLand, Melbourne, Merritt Island, Ocala, Orlando, and Titusville.
- Counties: Brevard, Flagler, Lake, Marion, Orange, Osceola, Seminole, Sumter, and Volusia.

(Florida Department of Transportation)
District 6

SOUTH FLORIDA

- Major cities: Coral Gables, Hialeah, Key West, and Miami.
- Counties: Miami-Dade and Monroe.

(Florida Department of Transportation)
District 7
WEST CENTRAL FLORIDA

- Major cities: Brooksville, Clearwater, Dunedin, Largo, New Port Richey, St. Petersburg, and Tampa.
- Counties: Citrus, Hernando, Hillsborough, Pasco, and Pinellas.

(Florida Department of Transportation)
Pat Ryan

Results

The results were surprising. It appears that the wildfires did not necessarily impact tourism in Florida. According to the data I received from the Florida Department of Forestry, 1998 did not have the most number of fires between the years of 1995-2000 throughout the state. Both 1999 and 2000 had more numbers of fires, however the number of acres burned in 1998 was 150,000 more than the next highest year, which happened to be 1999. Lightning was the main cause of these wildfires, consisting of 79.2 percent of the acres burned.

Looking at the seven districts that the Florida Department of Transportation has created, it was much easier to come up with the results and to analyze the numbers. After looking at the different districts and the number of fires compared to acres burned, it appears that the number of acres burned is more crucial than the number of fires reported. For example, in 1996, Monroe County had 30 fires and only 31.7 acres burned, while in Palm Beach County there were 59 fires, but 2,792.4 acres were burned.

There was a wide occurrence of fires in the seven districts.

<table>
<thead>
<tr>
<th>District 4</th>
<th>Year</th>
<th>Acres Burned</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1995</td>
<td>15,479.1</td>
</tr>
<tr>
<td></td>
<td>1996</td>
<td>32,651.80</td>
</tr>
<tr>
<td></td>
<td>1997</td>
<td>69,396.70</td>
</tr>
</tbody>
</table>

In 1998, District 5 had a whopping 338,932.5 acres that burned. That was the single highest for any of the districts for the six years studied. In 1999, District 4 took the title again with 82,619.4 acres burned. In 2000, District 1 had 68,759.5 acres burned.
Without a doubt 1998 was the worst year of all the districts. No other year had numbers even comparable. The following chart helps to further explain these results.
<table>
<thead>
<tr>
<th>District 1</th>
<th>Number of Fires</th>
<th>Acres Burned</th>
<th>District 2</th>
<th>Number of Fires</th>
<th>Acres Burned</th>
<th>District 3</th>
<th>Number of Fires</th>
<th>Acres Burned</th>
<th>District 4</th>
<th>Number of Fires</th>
<th>Acres Burned</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995</td>
<td>785</td>
<td>8939.4</td>
<td>1995</td>
<td>827</td>
<td>6645.4</td>
<td>1995</td>
<td>636</td>
<td>5717.2</td>
<td>1995</td>
<td>131</td>
<td>15479</td>
</tr>
<tr>
<td>1997</td>
<td>1296</td>
<td>41294</td>
<td>1997</td>
<td>785</td>
<td>4935.2</td>
<td>1997</td>
<td>779</td>
<td>7504.9</td>
<td>1997</td>
<td>138</td>
<td>69397</td>
</tr>
<tr>
<td>1999</td>
<td>1371</td>
<td>39407</td>
<td>1999</td>
<td>1753</td>
<td>17970</td>
<td>1999</td>
<td>974</td>
<td>8603.8</td>
<td>1999</td>
<td>219</td>
<td>82619</td>
</tr>
<tr>
<td>2000</td>
<td>1500</td>
<td>68760</td>
<td>2000</td>
<td>1806</td>
<td>32879</td>
<td>2000</td>
<td>1406</td>
<td>18920</td>
<td>2000</td>
<td>263</td>
<td>34472</td>
</tr>
</tbody>
</table>
With these kinds of numbers it would be expected that tourism would be greatly affected by wildfires because of the vast number of tourist attractions throughout the state. In spite of this, by looking at the numbers supplied by Visit Florida’s Director of Communications, Tom Flanagan, it appears that the fires did not have a major impact on tourism. Based on the following information the number of people that visited the state of Florida between 1995-2000 increased each year.

<table>
<thead>
<tr>
<th>Year</th>
<th>Number of People (Millions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995</td>
<td>41.3</td>
</tr>
<tr>
<td>1996</td>
<td>44.8</td>
</tr>
<tr>
<td>1997</td>
<td>47</td>
</tr>
<tr>
<td>1998</td>
<td>48.7</td>
</tr>
<tr>
<td>1999</td>
<td>58.9</td>
</tr>
<tr>
<td>2000</td>
<td>71.5</td>
</tr>
</tbody>
</table>

Now looking at the Florida Tourism/Recreation Taxable Sales Figures (from Tome Flanigan, Director of Communications for Visit Florida) there appears to be a steady increase in the numbers of dollars spent each year. The Tourism/Recreation Taxable Sales Figures refers to business “being driven primarily by tourist-related activity.” This includes things such as restaurants, lunchrooms, taverns, nightclubs, hotels, admissions, and rental of tangible property. Florida considers tourism as the main influence in these specific areas. However, Florida residents still do make transactions in these markets, but they still can be considered tourists. Still, not all of them are tourists. So the numbers are not entirely based on tourists, transactions alone. In Florida, in 1995, there was approximately 35.3 billion dollars made in the tourism industry.
<table>
<thead>
<tr>
<th>Year</th>
<th>Money Spent (Billions)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1996</td>
<td>37.9</td>
</tr>
<tr>
<td>1997</td>
<td>40.9</td>
</tr>
<tr>
<td>1998</td>
<td>43.1</td>
</tr>
<tr>
<td>1999</td>
<td>46.5</td>
</tr>
<tr>
<td>2000</td>
<td>50.7</td>
</tr>
</tbody>
</table>

There does not seem to be a major decrease here in terms of the percentages of dollars spent each year. They increase each year by approximately three billion dollars each year. This also goes to show that there was no relationship between wildfires and tourism in Florida. The following graph entitled, Florida Tourism/Recreation Taxable Sales Figures, will help to illustrate that relationship.

On the other hand, there were some other factors that occurred that show that the numbers may not mean much. The first of these examples is the 1998 Daytona NASCAR race and the Pepsi 400 at Daytona International Speedway were cancelled due to the wildfires. This event usually brings in approximately two hundred and fifty thousand people. Then again, when you look at the number of tourists that visit Florida each year, 30-plus million, two hundred and fifty thousand people does not seem like all that many. Yet, according to Mike Williams of the Atlanta Constitution, these two hundred and fifty thousand people are “free-spending race fans.” Again in a multi-billion dollar industry is it really all that much. These are some specific examples of how the wildfires have affected wildfires.
## Number of Fires, Acres Burned, Tourists, and Money Spent

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Number of Fires</strong></td>
<td>3,343</td>
<td>4,180</td>
<td>4,027</td>
<td>4,899</td>
<td>5,645</td>
<td>6,723</td>
</tr>
<tr>
<td><strong>Acres Burned</strong></td>
<td>48,586</td>
<td>93,849</td>
<td>146,122</td>
<td>506,907</td>
<td>355,239</td>
<td>210,851</td>
</tr>
<tr>
<td><strong>Tourists In Millions</strong></td>
<td>41.3</td>
<td>44.8</td>
<td>47</td>
<td>48.7</td>
<td>58.9</td>
<td>71.5</td>
</tr>
<tr>
<td><strong>Money Spent (Billions)</strong></td>
<td>35.3</td>
<td>37.9</td>
<td>40.9</td>
<td>43.1</td>
<td>46.5</td>
<td>50.7</td>
</tr>
</tbody>
</table>
Pat Ryan

Conclusion

I conclude that the wildfires in Florida did not have a major impact on tourism based on the level of analysis that was done in this particular study. I did not find a direct relationship between wildfires and tourism. The attention given to the record fires of 1998 also did not affect tourism. I do not believe that wildfires have a negative impact on tourism and it can be ruled out for further investigation.

First and foremost, my hypothesis was wrong. I hypothesized that the wildfires would affect tourism in the state of Florida. According to the numbers it did not do that at all. There was a continuing rise in number of visitors, plus a rise in the tourism income. I believe that this has to do with the State of Florida's tourism industry's growth.

There were a number of individual events that had negative affects on tourism. First, there was the cancellation of the Daytona NASCAR race. This is an event that brings in thousands of visitors each year. However, when the state as a whole brings in multi-million visitors each year and thousands really does not make a difference. Not to mention that this race was not cancelled for good, instead it was rescheduled for later, in October of 1998. Also, a large section of interstates were closed making travel throughout the state difficult. I-95 one of the major highways that were closed is a major route between Jacksonville and Daytona and Orlando. However, there are other ways to travel in Florida and the closed routes could be avoided. Probably the biggest problem would have been that the worst fires occurred during Fourth of July weekend of 1998.
These incidents could have caused for major problems, but many people rescheduled and all in all not much economic damage occurred.

In each year analyzed in this study, tourism continued to grow. There was a continuous increase in the number of tourists each year as well as the amount of dollars spent in the tourism/recreation industry. This shows that the fires' environmental effects had very little influence on tourism in Florida.

This is why I feel the numbers lied. They showed a steady increase in both number of visitors and the amount of income. However, there were the small individual cases in which some people lost a lot of money and did have to cancel trips to Florida. The numbers do not show this. However, at the state level a few individual cases does not make a huge difference and therefore the affects of these fires on tourism were not all that drastic.
BIBLIOGRAPHY


http://flame.doacs.state.fl.us/ “Florida Division of Forestry”.

http://www.pepps.fsu.edu/ “Program for Environmental Policy and Planning Systems”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www.pepps.fsu.edu/ “Program for Environmental Policy and Planning Systems”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.

http://www11.myflorida.com/MapsAndPublications/ “Florida Department of Transportation”.