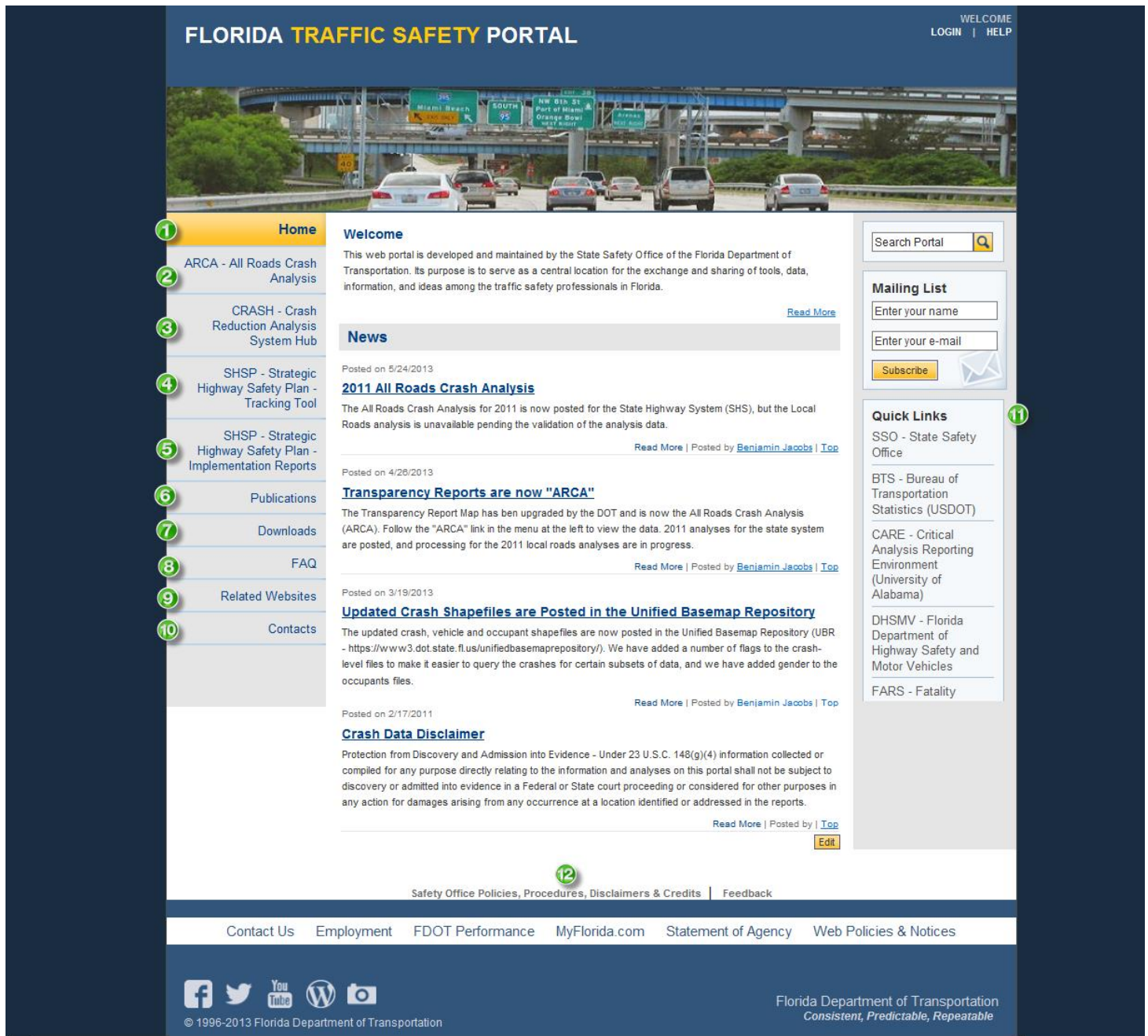




## Department of Transportation (DOT): Transportation Safety Web-Portal Application

**Overview:** The Florida Traffic Safety Portal (<http://www2.dot.state.fl.us/TrafficSafetyWebPortal/>) is designed to serve as a gateway to accessing pertinent traffic safety data, information, and tools for the Florida traffic safety community. The portal includes both public and restricted areas. The public areas are accessible to the general public and serve as a public information portal. The restricted areas, however, are password-protected and will provide access to authorized users only.

The ten main web pages are accessible via a standard menu panel displayed on the left side of the screen. If a main page contains multiple subpages, the links to the subpages will be listed on the main page and a brief description will be provided to introduce each subpage. Clicking on a subpage link will open a new page. Each subpage may further include multiple subpages. The user may click the **Back** button of the browser to return to the previous page, or click on the main menu to return to the main page. Wherever applicable, buttons are provided on a floating panel so that they are easily reachable by the user within the current screen view.

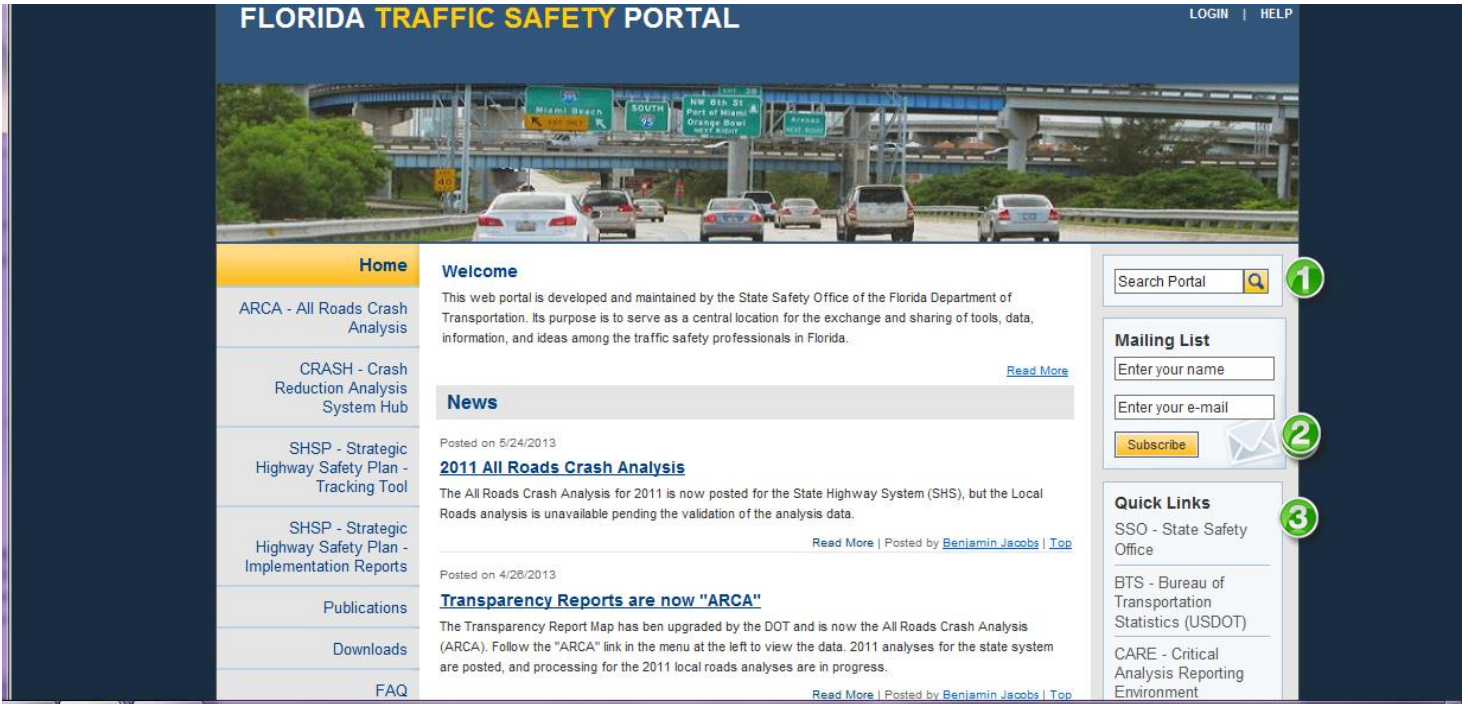


## Homepage

The Homepage is the first page loaded from the root URL. It provides the following four functionalities:

- **Search**. Allows the user to search the **Safety Portal** with key words.
- **Mailing list subscription**. After entering his/her name and email address in the right-hand fields and clicking **Subscribe**, the user will receive an email confirmation. The user will then be added to the mailing list and become a subscriber only after he/she clicks on a link provided in the confirmation email.
- **Accessing Quick Links**. Provides all users with a list of **Quick Links** located in the right-hand column, to the most relevant safety websites.

- *Posting news and events.* Allows authorized users to post news and events to the home page. Click **Edit** to add a new post or make changes to an old post.



## Homepage Functions

### Posting

A number of the web pages are designed to allow authorized users to add new entries (i.e. postings) to a page. To access this feature, click **Edit**. Once access is granted, the authorized user may **Edit**, **Delete**, or **Add a New Post**, as shown below. Click **Back** at any time to return to the Safety Portal.

FLORIDA TRAFFIC SAFETY PORTAL

[LOGOUT](#) | [ADMIN](#) | [HELP](#)



Home

Current List of Home Page

Title	Posted by	First Posted	Last Modified	5 Edit	6 Delete
Welcome to the Florida Traffic Safety Portal	Joseph Santos	7/23/2009	9/25/2009	<a href="#">Edit</a>	<a href="#">Delete</a>
Welcome!	Joseph Santos	9/11/2009	9/28/2009	<a href="#">Edit</a>	<a href="#">Delete</a>

7 Add New Post
8 Back

Five Percent Reports

CRASH System

SHSP Tracking Tool

SHSP Implementation Reports

Publications

Downloads

Wiki-FAQ

Related Websites

Contacts

## Post Management Screen

The name and email of the user (i.e., poster) along with the posting date and time will be displayed together with each post. After clicking **Add a New Post**, the screen for composing a new post is shown (see below). Click **Post** to confirm and **Cancel** or **Back** to return to the previous page. To edit a post, select **Edit** to display a similar screen which allows changes to be made to a previous post. The user may then click **Save** to confirm these changes. Users may only edit posts which they have authored.

The user can also choose to automatically notify subscribers on the mailing list. Subscribers who receive an email notification are then able to click on a link embedded in the notification email to view the new posting. Subscribers may choose to unsubscribe from the mailing list by clicking on a link in the notification email.



## Current List of Home Page

Title	Posted by	First Posted	Last Modified	Edit	Delete
Title: <input type="text" value="Welcome to the Florida Traffic Safety Portal"/>					
First Paragraph: <input type="text" value="This web portal is developed and maintained by the State Safety Office of the Florida Department of Transportation. Its purpose is to serve as a central location for the exchange and sharing of tools, data, information, and ideas among the traffic safety professionals in Florida."/>					
More: <input type="text" value="If you like to receive announcements related to this site from us, please sign up for our mailing list on the front page. If you are given access to post to a specific page, we encourage you to post and share materials that you believe will benefit others. Please note that the system administrator reserves the right to remove any materials that he finds inappropriate for this site. We hope you will find this site useful and we welcome your comments and suggestions to help us improve this site and serve your needs better."/>					
<input type="button" value="9 Save"/> <input type="button" value="10 Cancel"/>					
Traffic Safety Workshop, Orlando, December 1-5, 2009	Joseph Santos	9/29/2009	9/29/2009	<a href="#">Edit</a>	<a href="#">Delete</a>
					<input type="button" value="11 Back"/>

## Adding a New Post

Enterprise 24x7 inc. was contracted to:

- Migrate the original Portal developed by FIU into the DOT Intranet and Internet sites, adhering to the DOT-IT Standards for the Web-Application development, and modify the code as required by the formal and informal .NET Code review, Form 508 review, Web-Application review, database review and SQL/PLSQL review. The University which originally developed the application, failed several attempts to migrate the application due to incompatibility of the Application code with the DOT requests.
- Coordinate with DOT RTS, BSSO and other assigned web developers to complete the final web portal migration into production.
  - Review the Web Portal Code and the review notes.
  - Participate with RTS and other assigned web developers to complete the outstanding efforts raised during UAT for the Web Portal

- Revise, as needed, all the necessary scripts to create/modify the Application objects
- Participate in the final data migration for the implementation of the web portal
- Conduct UNIT and SYSTEM testing. Address issues noted during the UNIT and SYSTEM testing. Address issues noted during the UAT testing.
- Assist in the migration into PRODUCTION.
- Attend any required OIS migration meetings/correspondence/interactions,
- Draft migration package for final PRODUCTION transfer.
- Revise, as needed, the final migration documentation.
- Revise, as needed, all the necessary scripts to create/modify the database objects
- Provide support during PRODUCTION Migration
- Final production verification
- Develop further enhancements, updates and fixes to the Portal
- Added new application: ARCA to the application
- Upgraded the GIS interface (ArcIMS)
- Created new ArcGIS interface and application (SSOGis)

**Description of Services:** The **Senior Web Applications Programmer** develops, maintains, and supports applications for the organization's Internet/Intranet sites. Gathers and analyzes requirements. Programs all or selected components of Web applications. Documents components and applications. Develops automation techniques to enable end-user content publishing; programs, tests and implements mapped graphic images, forms and HTML, .NET pages; handles client browser support inquiries; maintains links to external sites and accuracy on internal links while ensuring up-to-date information. Researches, evaluates and recommends new Internet tools and applications for use in assigned responsibilities. The senior level Web Applications Programmer has experience in a variety of the more difficult Web tools and languages and is responsible for coordinating with the three groups involved in the final tasks required for the web portal to deploy it to Production. This developer will work with RTS & BSSO other assigned web developers to implement desired enhancements for the portal as identified by the project sponsor and will respond to issued identified during UAT and post-production issues.

The **Business Analyst** (level: Expert) serves as a liaison between the business community and the IT organization in order to provide technical solutions to meet user needs. Possesses expertise in the business unit(s) they support, as well as, an understanding of the IT organization's systems and capabilities. Analyzes business partner's operations to understand their strengths and weaknesses to determine opportunities to automate processes and functions. Assists in the business process redesign and documentation as needed for new technology. Translates high level business requirements into functional specifications for the IT organization and manages changes to such specifications. Educates the IT organization on the direction of the business. Negotiates agreements and commitments by facilitating communication between business unit(s) and IT from initial requirements to final implementation. Possesses an understanding of technological trends and uses this knowledge to bring solutions to business units supported to enhance the enterprise's competitive edge. This Senior level analyst is responsible for working with customers and other team members to identify and analyze the business needs and requirements driving the enhancements to Safety Portal & related applications. The solution will be aligned with business and IT strategies of the Agency and comply with the organization's architectural standards. Involved in the full systems life cycle, this consultant will be



responsible for business analysis to collect website needs and the website requirements to support the solution that is required to support the business processes in the Safety Office.

**Project Manager (level: Manager)** is responsible for overall coordination, status reporting and stability of project oriented work efforts. Establishes and implements project management processes and methodologies for the IT community to ensure projects are delivered on time, within budget, adhere to high quality standards and meet customer expectations. Responsible for assembling project plans and teamwork assignments, directing and monitoring work efforts on a daily basis, identifying resource needs, performing quality review; and escalating functional, quality, timeline issues appropriately. Responsible for tracking key project milestones and adjusting project plans and/or resources to meet the needs of customers. Coordinates communication with all areas of the enterprise that impacts the scope, budget, risk and resources of the work effort being managed. This individual will ensure the project is run in budget, and will communicate with the client and the team in case of delays, risks and issues as quickly as possible.

### Technology/Environment:

- .NET
- Java
- ArcIMS
- SilverLight
- MSAccess
- Oracle Database
- Source Safe
- ArcGIS
- SharePoint
- NavTeq
- C#
- SQL/PLSQL
- VB
- MSProject

### Company Services Provided:

- Web Applications Programmer
- Business Analyst
- Project Manager
- GIS Expert