

FLORIDA DEPARTMENT OF
TRANSPORTATION
STATE SAFETY OFFICE
CRASH DATA ACADEMY

Crash Data
Overview

Presenters:

Shaun Davis

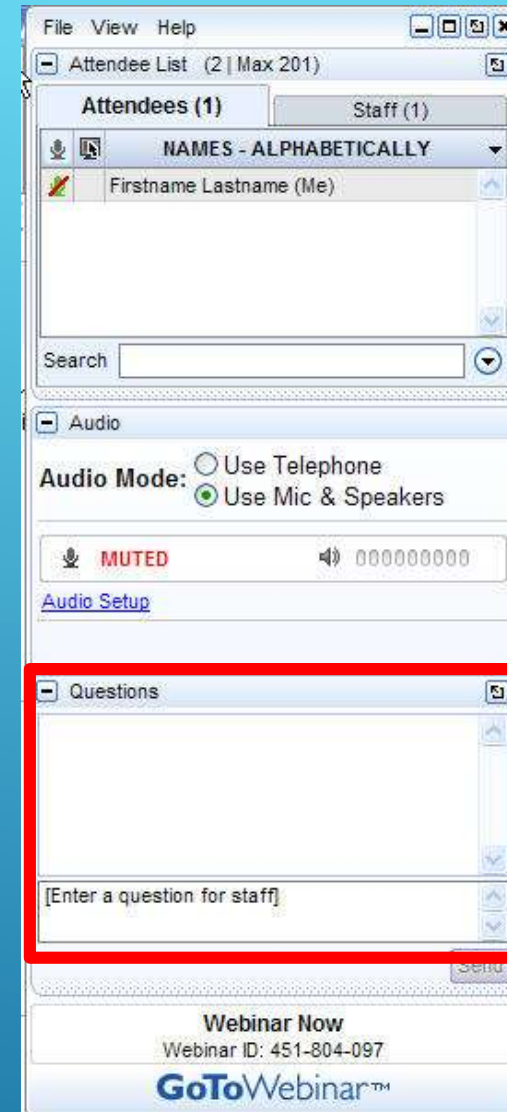
Public Transportation Specialist
FDOT State Safety Office

Benjamin Jacobs

Crash Record and Research Administrator
FDOT State Safety Office

**FDOT CRASH DATA ACADEMY:
CRASH DATA OVERVIEW**

HOW TO ASK A QUESTION



FDOT CRASH DATA ACADEMY: CRASH DATA OVERVIEW

Presentation:

- ▶ Crash Reporting
- ▶ Aggregating
- ▶ Crash Locating
- ▶ Data Analysis
- ▶ Access

FDOT CRASH DATA ACADEMY:
CRASH DATA OVERVIEW

Crash Reporting: Who completes the report?

- ▶ Law enforcement officer
 - ▶ Long Form F.S. 316.066(1)(a)
 - ▶ Short Form F.S. 316.066(1)(c)
- ▶ All drivers and passengers involved: driver exchange-of-information form F.S. 316.066(1)(c)

Reporting Requirements:

- ▶ Submitted to Department of Highway Safety and Motor Vehicles within 10 days after the crash and final report within 10 days after investigation is completed (F.S. 324.051(1)(a))
- ▶ On a form approved by the Department (F.S. 316.066(1)(c))

Reporting Requirements

- ▶ 2015 Florida Statutes Title XXIII section 316.066(1)(a) requires long form when the crash involves:
 1. Death, injury or complaint of pain or discomfort
 2. Hit and run or driving under the influence
 3. Disabled vehicle
 4. Commercial motor vehicle
- ▶ All others are short form or driver-exchange (F.S. 316.066(1)(c)).

FLORIDA TRAFFIC CRASH REPORT

LONG FORM **SHORT FORM** **UPDATE**

(Shaded Areas)

TOTAL # OF VEHICLE SECTION(S) 4
 TOTAL # OF PERSON SECTION(S) 5
 TOTAL # OF NARRATIVE SECTION(S) 6

MAIL TO: DEPARTMENT OF HIGHWAY SAFETY & MOTOR VEHICLES
 TRAFFIC CRASH RECORDS, NEIL KIRKMAN BUILDING
 TALLAHASSEE, FL 32399-0537

CRASH DATE 7		TIME OF CRASH 8		DATE OF REPORT 9		REPORTING AGENCY CASE NUMBER 2		HSMV CRASH REPORT NUMBER 1		
CRASH IDENTIFIERS										
COUNTY CODE 10	CITY CODE 11	COUNTY OF CRASH 12			PLACE OR CITY OF CRASH 13			CHECK IF WITHIN CITY LIMITS 14	TIME REPORTED 15	TIME DISPATCHED 16
TIME ON SCENE 17		TIME CLEARED SCENE 18		CHECK IF 19 COMPLETED <input type="checkbox"/>	REASON (If Investigation NOT Complete) 20				Notified By: 1 Motorist <input type="checkbox"/> 2 Law Enforcement 21 <input type="checkbox"/>	
ROADWAY INFORMATION (CHOOSE ONLY 1 OF 4 OPTIONS)										
CRASH OCCURRED ON STREET, ROAD, HIGHWAY 22					1 AT STREET ADDRESS # 23	2 AT LATITUDE 24	AND	LONGITUDE 25		
AT FEET 26	MILES 27	N <input type="checkbox"/>	S 28 <input type="checkbox"/>	E <input type="checkbox"/>	W <input type="checkbox"/>	3 FROM INTERSECTION WITH STREET, ROAD, HIGHWAY 29			4 OR FROM MILEPOST # 30	
31 Road System Identifier 1 Interstate 2 U.S. 3 State 4 County 5 Local 6 Turnpike/Toll			7 Forest Road 8 Private Roadway 9 Parking Lot 77 Other, Explain in Narrative			32 Type of Shoulder 1 Paved 2 Unpaved 3 Curb		33 Type of Intersection 1 Not at Intersection 2 Four-Way Intersection 3 T-Intersection 4 Y-Intersection		5 Traffic Circle 6 Roundabout 7 Five-Point, or More 77 Other, Explain in Narrative
34 CRASH INFORMATION (CHECK IF PICTURES TAKEN) <input type="checkbox"/>										

FDOT CRASH DATA ACADEMY: CRASH DATA OVERVIEW – CRASH REPORTING

TOTAL # OF VEHICLE SECTION(S)		4
TOTAL # OF PERSON SECTION(S)		5
TOTAL # OF NARRATIVE SECTION(S)		6
CRASH NUMBER	HSMV CRASH REPORT NUMBER 1	
CHECK IF WITHIN CITY LIMITS		14
TIME REPORTED		15
TIME DISPATCH		16
Notified By: 1 Motorist		20
2 Law Enforcement		21
AT STREET ADDRESS #	AT LATITUDE	AND LONGITUDE
1 23	2 24	25
OR FROM MILEPOST	4 30	
Intersection	Type of Intersection	
33	1 Not at Intersection 2 Four-Way Intersection 3 T-Intersection 4 Y-Intersection 5 Traffic Circle 6 Roundabout 7 Five-Point, or More 77 Other, Explain in Narrative	

Crash Reporting: Information Collected

Crash Level
Vehicle Level
Person Level

FDOT CRASH DATA ACADEMY: CRASH DATA OVERVIEW – CRASH REPORTING

Information Collected: Crash Level

- ▶ Information collected for items that apply to the entire incident and are the same for all parties involved

Crash Level Information:

- ▶ Date and time
- ▶ Location (county, city, street)
- ▶ Roadway information
- ▶ Conditions and circumstances (weather, lighting, work zone, et al.)

Information Collected: Vehicle Level

- ▶ Information collected for items that apply to a vehicle and are *not* the same for all vehicles involved

Vehicle Level Information:

- ▶ Vehicle type and special function
- ▶ Commercial vehicle information
- ▶ Vehicle maneuver and sequence of events
- ▶ Vehicle roadway and traffic control
- ▶ Vehicle defects

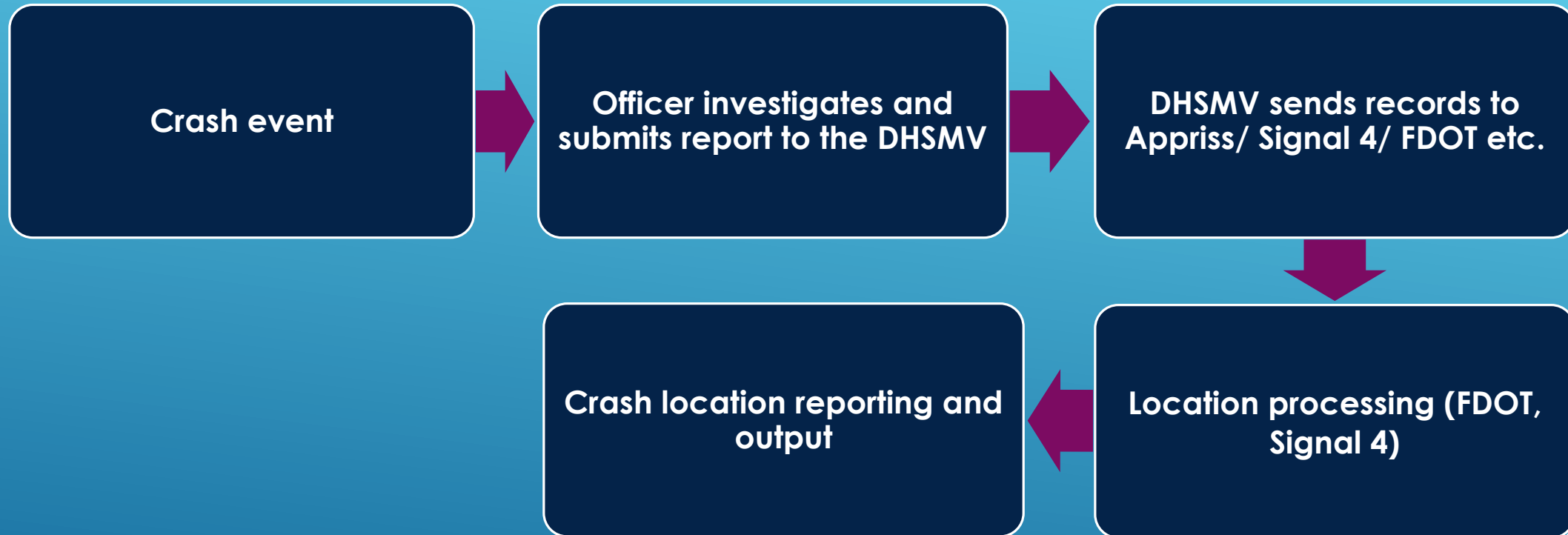
Information Collected: Person Level

- ▶ Information collected for items that apply to a single person and are *not* the same for all parties involved

Person Level Information:

- ▶ Person type (driver, passenger or non-motorist)
- ▶ Driver actions, condition and distraction
- ▶ Driver/passenger seat position, ejection, seat belts
- ▶ Non-motorist type, actions and circumstances
- ▶ Alcohol and drug information

Flow of Information: Diagram



Flow of Information: Electronic Reports

- ▶ Electronic reports are submitted directly to DHSMV through electronic reporting software.

Flow of Information: Paper Reports

- ▶ Paper reports are collected by DHSMV's vendor, Appriss, Inc., and converted to electronic format (data and image).
- ▶ Converted records are sent to DHSMV using the electronic reporting process.

Who Reviews the Reports?

- ▶ Electronic reporting software (various vendors) has an approval step before final transmission to the DHSMV. These are generally reviewed/approved by an officer supervisor before submittal.

Who Reviews the Reports?

- ▶ The DHSMV system has automated edit checks before final upload to the database. A load error report is sent to originating agencies who must correct and resubmit any records that are rejected.

Crash Locating:

- ▶ FDOT's State Safety Office (SSO) receives a file of whatever long form crash data were successfully submitted to the DHSMV each weekday at the end of the day.

Crash Locating:

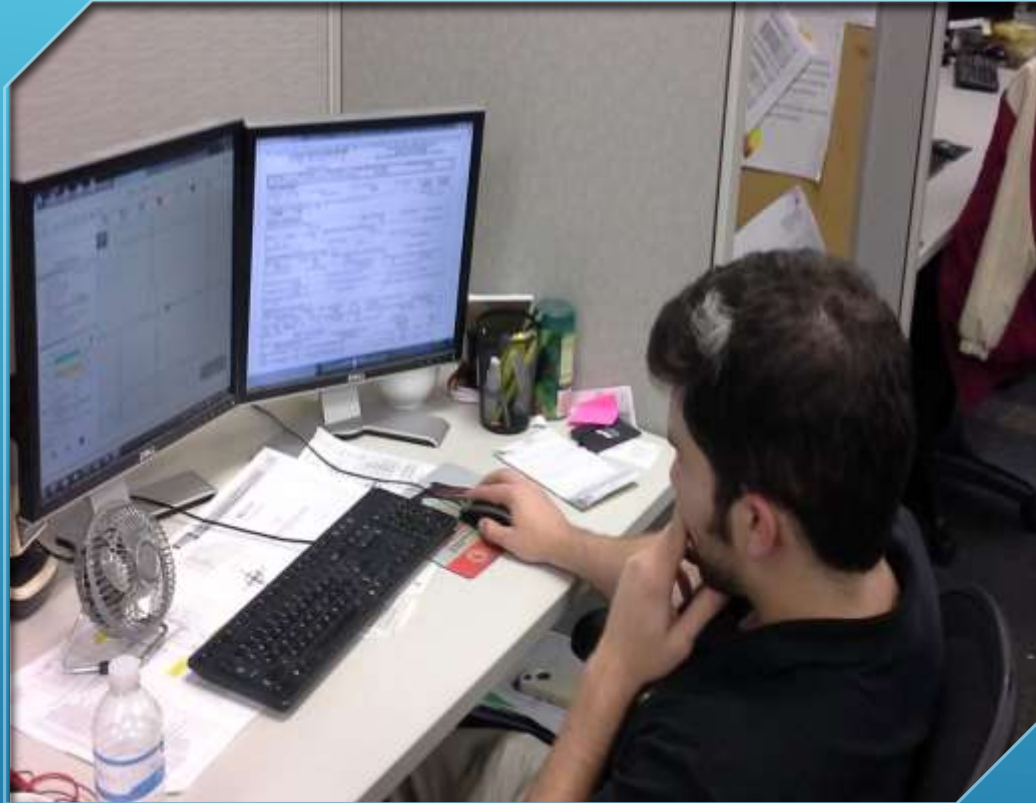
- ▶ Crashes are screened by an automated process and separated into three broad categories:
 - ▶ Crashes on private property or in parking lots
 - ▶ Crashes on public roads not on the SHS
 - ▶ Crashes on or possibly on the State Highway System (SHS)

Crash Locating:

- ▶ Crashes on private property or in parking lots are not processed.
- ▶ Crashes on public roads not on the SHS are processed using a map-based application called the Crash Locator System (CLS).
- ▶ Crashes on the State Highway System (SHS) are processed in an application called the Crash Analysis Reporting (CAR) system.

Crash Locating:

- ▶ Crashes on private property or in parking lots are 11-13% of long-form records received.
- ▶ Crashes on public roads not on the SHS are 15-19% of the initial load.
- ▶ Crashes on or possibly on the State Highway System (SHS) make up the other 68-74% of the records received.



Crash Locating:

SSO staff review each crash that is linked to a public roadway and determine location coordinates, position on the roadway and other information.

FDOT CRASH DATA ACADEMY: CRASH
DATA OVERVIEW – CRASH LOCATING

Date of Crash 07/Sep/2014 06:09 AM	Time of Crash 07/Sep/2014 06:09 AM	Date of Report 09/Oct/2014 04:39 PM	Invest. Agency Report Number FHPC14OFF081862	HSMV Crash Report Number 84494570
---------------------------------------	---------------------------------------	--	---	--------------------------------------

CRASH IDENTIFIERS

County Code 03	City Code 50	County of Crash HILLSBOROUGH	Place or City of Crash TAMPA	Within City Limits No	Time Reported 07/Sep/2014 06:09 AM	Time Dispatched 07/Sep/2014 06:09 AM
Time on Scene 07/Sep/2014 06:09 AM	Time Cleared Scene 07/Sep/2014 11:30 AM	Completed Yes	Reason (if Investigation NOT Completed)			Notified By Law Enforcement

ROADWAY INFORMATION

Crash Occured On Street, Road, Highway I 275 (SR 93)		At Street Address#	At Latitude 28.081146884016601	and Longitude -82.454630359318401
At Feet	Or Miles .20	Direction South	From Intersection With Street, Road, Highway SR 678 (BEARSS AVE)	Or From Milepost #
Road System Identifier 1 Interstate		Type Of Shoulder 1 Paved	Type Of Intersection 1 Not at Intersection	

Crash Report Information Used by FDOT
Location Analysts: Crash location (Roadway
Information)

FDOT CRASH DATA ACADEMY: CRASH
DATA OVERVIEW – CRASH REPORTING

aken) <input checked="" type="checkbox"/>			
Roadway Surface Condition		School Bus Related	
1 Dry		1 No	
Event 14	First Harmful Event Location 1 On Roadway	Within Interc	No
Contributing Circumstances: Road			Contri

Crash Report Information Used by FDOT
Location Analysts: First Harmful Event
Location

FDOT CRASH DATA ACADEMY: CRASH
DATA OVERVIEW – CRASH REPORTING

Vehicle#	Person#	Property Damage - Other Than Vehicle	Est. Amount	Business	Owner's Name	Address	City & State	Zip Code
2		MOTORCYCLES	5000	No	RICKY RICE	2017 MERCED CT	JACKSONVILLE	32224

**Crash Report Information Used by FDOT
Location Analysts: Non-vehicle property
damage**

**FDOT CRASH DATA ACADEMY: CRASH
DATA OVERVIEW – CRASH REPORTING**

NARRATIVE

ID Number	Rank	Name	Troop / Post	Officer Agency	Phone Number	Date Created
3447	TROOPER	DACHS, STEPHEN G	C	FLORIDA HIGHWAY PATROL		Feb 21, 2014

Vehicle 1 was traveling northbound (against the flow of traffic) on I-275 (SR-93A) in the center southbound travel lane south of Bearss Avenue. Vehicle 2 was traveling southbound on I-275 (SR-93A) in the center travel lane north of Bearss Avenue. According to driver 2 of vehicle 2, he observed vehicle 1 traveling northbound in the southbound center travel lane at the hill crest of Bearss Avenue. Driver 2 of vehicle 2 applied his brakes and swerved to the east in an attempt to avoid a collision but was unable to do so. As a result, the front of vehicle 1 collided with the front of vehicle 2. After the initial collision, both vehicles traveled to the southeast across the inside southbound travel lane and inside shoulder and collided with the center concrete barrier wall. Vehicle 1 came to rest against the inside concrete barrier wall facing south. Vehicle 2 came to rest in the inside southbound shoulder facing northeast.

Driver 1, a white male named Chase Kakeb Leville DOB 11/15/1988 was pronounced deceased by Hillsborough County Fire Rescue Paramedic Cliff Davis at 4:28AM. Photographs were taken by Corporal R. Brown ID#1223
The THI investigator is Corporal R. Brown
THI Case Number is 714-03-015

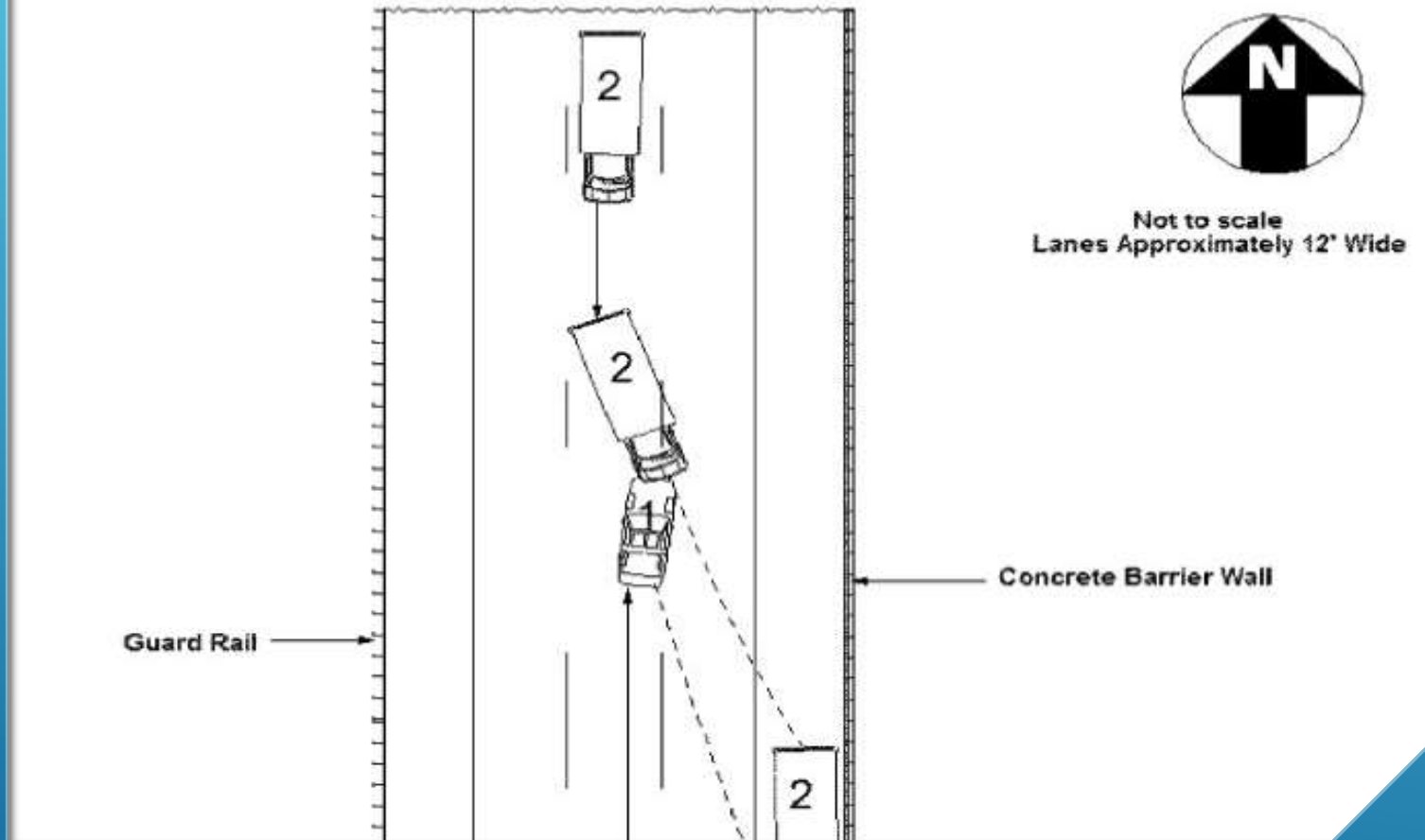
ID Number	Rank	Name	Troop / Post	Officer Agency	Phone Number	Date Created
2713	CORPORAL	R.C. BROWN	C	FLORIDA HIGHWAY PATROL	813-558-1800	Mar 21, 2014

This update is to show the findings of the Hillsborough County Medical Examiner's Office autopsy and toxicology tests. According to Mary K. Mainland, M.D, Chief Medical Examiner, D01 died due to skull fractures with lacerations of the brain and brainstem due to blunt impact to head. The Medical Examiner's Office toxicology results showed that D01 had a blood alcohol level of .210 g/dL and a blood THC level of .009 mg/L.
This case is closed.

Crash Report Information Used by FDOT Location Analysts: Crash Narrative

FDOT CRASH DATA ACADEMY: CRASH DATA OVERVIEW – CRASH REPORTING

**I-275 (SR-93)
Southbound Lanes Only**



**Crash Report
Information Used
by FDOT Location
Analysts: Crash
Diagram**

**FDOT CRASH DATA ACADEMY: CRASH
DATA OVERVIEW – CRASH REPORTING**

Crashes not on the State Highway System (SHS)

- ▶ For crashes on public roads that are not on the SHS the SSO:
 - ▶ Determines the geographic coordinates of the crash location (latitude and longitude)
 - ▶ Codes the position on the roadway for the first harmful event

Crash Locator - Lor's Map

back to crash list map location save location next crash aerial points of interest

Select Page

Crash Information

Reported location
Year: 2015 No: 845712880
County: Orange
On Road: LAKE UNDERHILL RD
Int Road: COSMOS DR
Dist (ft): 0 Dir: East
Lat: 0 Long: 0
Status: New
Locator: not located
Reviewer: not reviewed
Rev. Status: not reviewed

Actual location

County: Orange
On Road: LAKE UNDERHILL Type: RD
Int Road: COSMOS Type: CR
Dist (ft): 0 Dir: East
Lane: Thru Lane 1
Side of Road: Right
Lat: 26.539124 Long: -81.291496
Status: New
Locator: Jacobs, Benjamin (role Administrator)

Crash position on roadway

Geographic coordinates

FDOT
Office of Information Systems

This site is maintained by the
FDOT Office of Information Systems
Please Contact: [SDesk](#)

Crashes that are not on the SHS are located using a map interface. Locations are tied to map lines and geographic coordinates.

Crashes on the SHS

- ▶ For crashes that are on the SHS the SSO:
 - ▶ Determines the linear reference coordinates of the crash location based on the FDOT's Roadway Characteristics Inventory (RCI) database
 - ▶ Codes the position on the roadway for the first harmful event
 - ▶ Verifies reported damage to FDOT property
 - ▶ Codes functional class and other roadway information

```

CARB107          CRASH LOCATION - UPDATE          03/22/2016  16:22:29
CRASH #: 2016 857093520          3U
CRASH AT 002.337 MP ON 87060001 0000.006 MI S  FR NODE 02024 69 ST
-----
DATE: 01/05/2016  CRASH #: 857093520  STATUS.. 31 Q/C COMPLETED - LOC VER
TIME: 15:45        PREV #:              USERID: SF945BJ  UPDTE: 03/22/2016
                               LOCATOR USERID: SF945BJ  UPDTE: 03/22/2016
                               QC USERID:              UPDTE:
-----
_ 0000.000  DIR:  OF CITY MIAMI BEACH  IN CNTY 87 MIAMI-DADE
_ 0000.000  DIR:  AT/FROM NODE:  02024  TOWARD  NEXT NODE:
ON STREET/ROAD/HIGHWAY: ABBOTT AVE          ROUTE ID: SR  A1A
X 0030.000 FT DIR: S AT/FROM INTERSECTION: 69TH ST *
-----
ON CO/SEC/SUB (Crash position on roadway) 001  AT MP 000.000 (Roadway information) DOTPROP: N (FDOT property damage) OWNRSHP: 01
SPDLIM : 030 #LANES
SIDE ROAD: R  SITE LOC: 01  FUNCL:DOT 14 FAR 2 03 RTE SGN: 3  DOT 03
LANE ID: 3  INJ SEV: 1  NHS:DOT 5 FAR 1  US/I RT: _____ DHS 03
-----
C518  ----- UPDATE SUCCESSFUL -----
<PF1>  <PF3>  <PF4>  <PF5>          <PF8>  <PF10>  <PF11>  <PF12>
HELP  MAIN MENU  UPDT  REFRESH          NEXT  LOCATE  NOTES  CRASH

```

Crashes on the SHS are located using the RCI features, locations are tied to inventoried points on the roadway, primarily intersections and bridge ends.

FDOT CRASH DATA ACADEMY: CRASH DATA OVERVIEW – CRASH LOCATING

Crash Locating: Roadway Data

- ▶ Roadway data for crashes on the SHS are added after location is complete based on the correspondence to the RCI.

Crash Locating: Roadway Data

- ▶ Data added from the RCI are:
 - ▶ Roadway category information (urban/rural, number of lanes, median & shoulder types & widths, access type)
 - ▶ Traffic volume

Crash Locating: Roadway Data

- ▶ Other data added are:
 - ▶ Friction numbers and test dates from the FDOT's Skid Hazard Reporting (SHR) database
 - ▶ FDOT managing district

Data Analysis: What Can Be Reported

- ▶ Crash data in FDOT SSO reporting tables have the personal identifying information removed. The only identifying data retained are:
 - ▶ Age
 - ▶ Gender
 - ▶ State and zip code

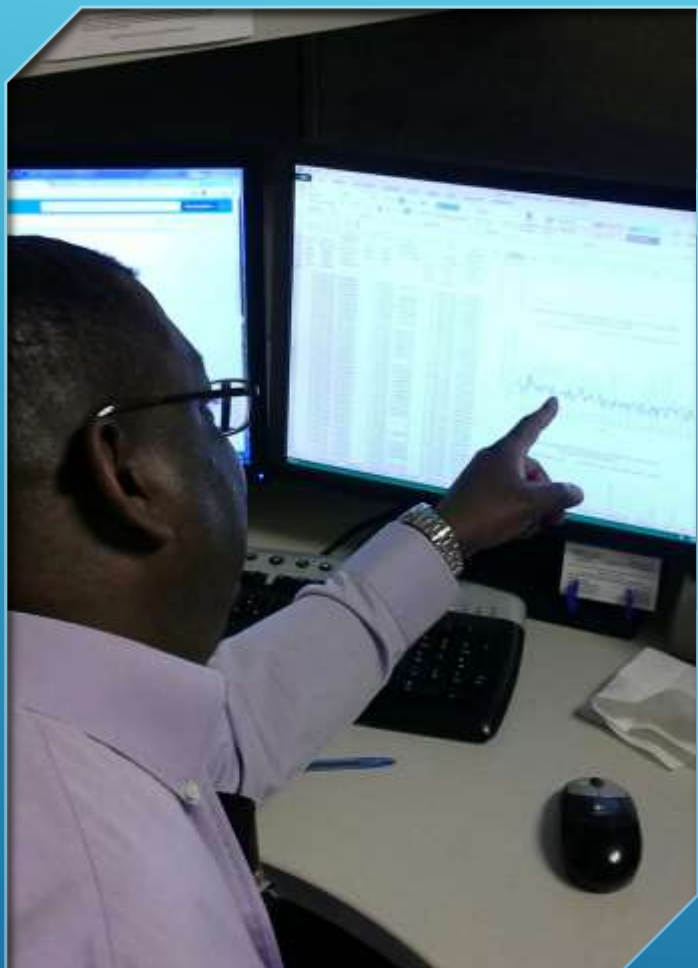
What Can Be Reported

- ▶ Any information in the reporting tables can be reported as soon as it is available in the tables.

Crash Data Notice:

The information contained in this system (report, schedule, list, or data) has been compiled from information collected for the purpose of identifying, evaluating, or planning safety enhancements. This product identifies information used for the purpose of developing highway safety construction improvement projects which may be implemented utilizing federal-aid highway funds. Any document displaying this notice shall be used only for those purposes deemed appropriate by the Florida Department of Transportation.

See Title 23, United States Code, Section 409.



Data Analysis

The FDOT SSO uses the located crash data to identify areas on public roadways that show unusual concentrations of crashes or of specific crash types.

Data Analysis

- ▶ Crash location analyses are used by the District Safety Managers and Engineers to determine areas under their responsibility that can most benefit from safety improvements and to plan those improvements.

Data Analysis

- ▶ Crash location analyses are used by roadway engineers when planning roadway improvements and particularly when considering design exceptions.

Access: Timeliness

- ▶ Crash data images are public record but are exempt from public records status for 60 days after the date of the crash.
(316.066(2)(a) F.S.)
- ▶ The DHSMV is the official custodian for Florida traffic crash records.

Public Access: FIRES Public Portal

The screenshot displays the FIRES Public Portal interface. At the top, the logo for FIRES (Florida's Integrated Report Exchange System) is visible. The navigation bar includes links for Home, Public, and Sign In. Below the navigation bar, there are sections for Quick Statistics, Advanced Search, Geolocation Search, and Traffic Crash Facts. The main content area is divided into two columns. The left column contains 'Additional Resources' with links to a Public Portal Resource Guide, Florida Driver Self-Report, and FL Dept. Highway Safety and Motor Vehicles. It also includes a feedback section and support contact information. The right column features a 'Quick Stats' section with filters for Year (2016), Statewide (selected), County, and Agency (ALACHUA CO SO). Below the filters is a 'Crash Summary' table and a 'Reports by Month' bar chart. The crash summary table lists various crash metrics, and the bar chart shows the number of reports for January, February, and March. The bottom of the page contains footer information, including 'About Us', 'Terms of Use', 'Contact Us', 'Privacy Statement', and the Florida Department of Transportation logo.

FIRES FLORIDA'S INTEGRATED REPORT EXCHANGE SYSTEM

Home Public Sign In

Quick Statistics Advanced Search Geolocation Search Traffic Crash Facts

Additional Resources
[Public Portal Resource Guide](#)
[Florida Driver Self-Report](#)
[FL Dept. Highway Safety and Motor Vehicles](#)

We welcome feedback. Submit comments and suggestions to the FIRES [Site Administrator](#).

Support
Phone: (850) 617-2741
Email: fires@appriss.com

Quick Stats Useful Tips

Year: 2016 Statewide County: Agency: ALACHUA CO SO

Crash Summary	
Total Crashes:	69,585
Injury Crashes:	29,281
Total Injuries:	44,938
Crashes with Traffic Fatalities:	412
Total Traffic Fatalities:	445
Commercial Vehicle Crashes:	7,288
Commercial Vehicles:	7,891
Property Damage Crashes:	39,892
*Pedestrian Crashes:	1,699
*Pedestrian Fatalities:	97
**Bicycle Crashes:	1,161
**Bicycle Fatalities:	20

As of Date: 3/14/2016

*Types of Crashes Included
*Pedestrians are reported as Non-Motorist Description of 01-Pedestrian & 02-Other Pedestrian
**Bicyclists are reported as Non-Motorist Description of 03-Bicyclist & 04-Other Cyclist

Reports by Month

Month	Number of Crashes
Jan	32607
Feb	28918
Mar	8060

Select Chart: Reports by Month

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FLORIDA A SAFER FLORIDA
HIGHWAY SAFE FOR OUR MOTOR VEHICLES
Powered by Appriss

FDOT CRASH DATA ACADEMY: CRASH DATA OVERVIEW – ACCESS

Public Access: FDOT SSO GIS Query Tool

The screenshot displays the FDOT SSO GIS Query Tool web application. At the top left is the FDOT logo and the text "Florida Department of TRANSPORTATION". To the right are navigation links: "Home", "About FDOT", "Contact Us", and "Office". Below this is a "Web Application" header and the "SSOGis" title. The main interface is divided into a left sidebar and a central map area. The sidebar contains a "Crashes" tab, a "Map" button, and a "Reset" button. Under "Crash Filters", there are several dropdown menus and input fields: "Calendar Year (Post 2010)*" (set to "All, choose at most five"), "Crash Date" (From [] to []), "Crash Time" (From [] to []), "Highest Injury in Crash" (set to "All"), "Relation to Junction" (set to "All"), "Crash Harmful Event Location" (set to "All"), "Intersection Type" (set to "All"), "Crash Harmful Event" (set to "All"), "Driver Action Vehicle 1 or 2" (set to "All"), and "DHSMV City" (set to "All"). At the bottom of the sidebar are expandable sections for "Location Filters" and "Safety Office Supplemental Layers". The central map area shows a map of Florida with major cities and highways labeled, including Tallahassee, Jacksonville, Orlando, Tampa, and Miami. A zoom control is visible on the left side of the map.

FDOT CRASH DATA ACADEMY: CRASH DATA
OVERVIEW – ACCESS

Access: Government and University

Includes Consultants Working on
Government/University Projects

- ▶ FIRES Portal
- ▶ FDOT (long form only)
- ▶ Signal 4 Analytics

FDOT CRASH DATA ACADEMY: CRASH
DATA OVERVIEW – ACCESS

Government and University Access: FIRES Portal

The screenshot shows the FIRES (Florida's Integrated Report Exchange System) portal. The header includes the FIRES logo and the text "FLORIDA'S INTEGRATED REPORT EXCHANGE SYSTEM". Navigation links include Home, Public, Links, Contact Us, and Manuals. A "Sign In" button is located in the top right corner. The main content area is divided into several sections:

- Member Login:** Includes fields for User ID and Password, a "Log in" button, and a link for "Forgot Username/Password". A note states: "Only authorized users have access to FIRES data and reporting. To request access: Law Enforcement access, Non-Law Enforcement access".
- What is FIRES?:** Explains that the website is developed and maintained by Appriss, Inc. on behalf of the Florida Department of Highway Safety and Motor Vehicles. It notes that the integrity of the data is dependent on its accuracy and frequency of updates.
- Restricted Access:** States that FIRES online services are for the exclusive use of law enforcement, approved agencies, and other authorized users.
- News & Updates:** Lists two reports: "2016 Crash Performance Report 3/11/2016" and "2015 Crash Performance Report 10/12/2015".

The footer contains links for "About Us", "Terms of Use", "Contact Us", and "Privacy Statement", along with the copyright notice "©2015 Appriss, Inc. All rights reserved." The Florida Department of Highway Safety and Motor Vehicles logo is also present, along with the text "Powered by Appriss".

FDOT CRASH DATA ACADEMY: CRASH DATA OVERVIEW – ACCESS

Government and University Access: FDOT

The screenshot shows the CAR on-line web application interface. At the top, the title "CAR on-line" is displayed in large blue letters, with "crash analysis reporting on-line" underneath. To the right, there is a logo for "DRIVING DOWN FATALITIES" and "SAFETY OFFICE" featuring a map of Florida. Below the title, a navigation bar contains several menu items: "Crash Analysis Reporting", "State Roads", "All Roads", "Subsets", "High Crash", "Tables", "Log Off", "User: Benjamin Jacobs", and "Help". The main content area is titled "Crash Analysis Reporting" and contains a paragraph of text explaining the system's purpose: "The information contained in this system (report, schedule, list, or data) has been compiled from information collected for the purpose of identifying, evaluating, or planning safety enhancements. This product identifies information used for the purpose of developing highway safety construction improvement projects which may be implemented utilizing federal-aid highway funds. Any document displaying this notice shall be used only for those purposes deemed appropriate by the Florida Department of Transportation. See Title 23, United States Code, Section 409." At the bottom left is the FDOT Office of Information Systems logo, and at the bottom center is the text "FLORIDA DEPARTMENT OF TRANSPORTATION" followed by "Contact Help: Email Service Desk or call 1-866-955-4357(HELP)" and links for "Web Policies and Notices", "Accessibility Statement", and "Using the keyboard in this website".

CAR on-line

crash analysis reporting on-line

DRIVING DOWN FATALITIES
SAFETY OFFICE

Crash Analysis Reporting | State Roads | All Roads | Subsets | High Crash | Tables | Log Off | User: Benjamin Jacobs | Help

Crash Analysis Reporting

The information contained in this system (report, schedule, list, or data) has been compiled from information collected for the purpose of identifying, evaluating, or planning safety enhancements. This product identifies information used for the purpose of developing highway safety construction improvement projects which may be implemented utilizing federal-aid highway funds. Any document displaying this notice shall be used only for those purposes deemed appropriate by the Florida Department of Transportation. See Title 23, United States Code, Section 409.

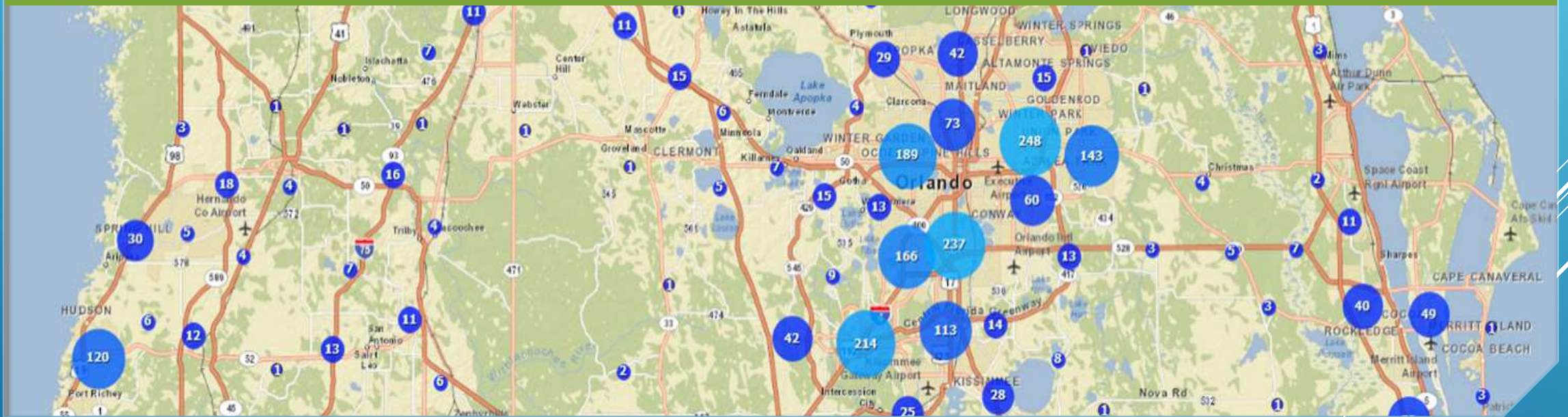
FDOT
Office of
Information Systems

FLORIDA DEPARTMENT OF TRANSPORTATION
Contact Help: Email Service Desk or call 1-866-955-4357(HELP)
[Web Policies and Notices](#) [Accessibility Statement](#) [Using the keyboard in this website](#)

FDOT CRASH DATA ACADEMY: CRASH DATA OVERVIEW – ACCESS

Government and University Access: Signal 4 Analytics

SIGNAL FOUR ANALYTICS



FDOT CRASH DATA ACADEMY:
CRASH DATA OVERVIEW – ACCESS

Questions?

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**FDOT CRASH DATA ACADEMY: CRASH
DATA OVERVIEW**

Next FDOT Webinars:

- ▶ CAR Online – Introduction (April 28, 2016)
- ▶ GIS Data Analysis (May 19, 2016)

FDOT CRASH DATA ACADEMY:
WHAT'S NEXT?

Other Webinars:

- ▶ **Signal 4 Analytics (coming in late April)**
Contact Dr. Ilir Bejleri ilir@ufl.edu

**FDOT CRASH DATA ACADEMY:
WHAT'S NEXT?**

Resources (FDOT):

- ▶ FDOT State Safety Office - <http://www.dot.state.fl.us/safety/>
 - ▶ FDOT SSO Safety Engineering - <http://www.dot.state.fl.us/safety/11A-SafetyEngineering/SafetyEngineering1.shtm>
 - ▶ FDOT SSO Crash Data Request On Line Form - http://www.dot.state.fl.us/safety/11A-SafetyEngineering/TransSafEng/TrafCrashData_Form.html
- ▶ FDOT Traffic Safety Web Portal - <http://www2.dot.state.fl.us/trafficsafetywebportal/index.aspx>
 - ▶ State Safety Office GIS Query Tool - <https://fdotewp1.dot.state.fl.us/SSOGis/Home.aspx>

FDOT CRASH DATA ACADEMY:
CRASH DATA OVERVIEW

Resources (DHSMV & Signal 4):

- ▶ Florida Department of Highway Safety and Motor Vehicles Crash Reports – <http://www.flhsmv.gov/courts/crash/>
- ▶ Florida's Integrated Report Exchange System (FIRES) Portal - <https://firesportal.com/Pages/Public/Home.aspx>
- ▶ Signal 4 Analytics - <https://s4.geoplan.ufl.edu/>

FDOT CRASH DATA ACADEMY:
CRASH DATA OVERVIEW

Questions:

- 1) How can I use crash data to identify causes of crashes, and causes of particularly pedestrian and bicycle crashes.
- 2) What is the best way to identify and collect available crash data for regional, subarea or corridor analysis. Is the data available in GIS format?
- 3) What are pros and cons of using signal four analytics data vs. the certified DHSMV data? Compare and contrast.
- 4) Are there times when the certified data is required?
- 5) Using Signal 4 Analytics for our crash data analysis, sometimes our local jurisdictions will state that we don't have all the crashes for a certain location. Can you talk about the reporting requirements for the local jurisdictions, long form vs. short form reporting and any advancements crash rate reporting?