Florida Department of Transportation
State Safety Office
Geographic Information System

User Manual & Data Dictionary:
SSOGis Query Tool
Release 2.1

Prepared by Enterprise 24x7, Inc.

In support of:
State Safety Office
State of Florida Department of Transportation
605 Suwannee Street, MS #53
Tallahassee, FL 32399-0450

Version 2.1

Contents

Document Revision History & Document Purpose

Date	Version	Author(s)	Description
09/24/2021	V0.1	Jasmeen Kathuria	Initial draft
12/10/2021	V0.3	Jasmeen Kathuria	Final draft
02/07/2022	V1.0	Catherine Fuller	Initial version
02/18/2022	V1.1	Marco Cristofari	Initial version
4/8/2022	V2.0	Jasmeen Kathuria	Initial draft
6/1/2022	V2.0	Marco Cristofari	Version 2.1

The purpose of this document is to provide instruction for users of the **State Safety Office Geographic Information System (SSOGis) Query Tool**. Functionality related to the Traffic Safety Web Portal (TSWP), All-Roads Crash Analysis (ARCA) and Crash Reduction Analysis System Hub (CRASH) modules are covered in their respective user manual.

SSOGis Overview & System URLs

The State Safety Office Geographic Information System (SSOGis) allows users to access crash data and road information in map and data grid format. SSOGis is accessible from the Traffic Safety Portal to display map(s) containing information of Roadways, Intersections, Crashes, Crash Analysis, and High Crash Segment & Intersection from the ARCA and/or projects from the CRASH system.

The main purpose of FDOT SSOGis Query Tool – Crash Module is to query crash data either spatially using the “By Shape” tab and/or filter data by attributes using the “By Value” tab. Within the tool, spatial and attribute queries can be combined or performed separately. FDOT State Safety Office (SSO) will upgrade the SSOGis Query Tool to show All Roads Crash Analysis (ARCA) and Crash Reduction Analysis System Hub (CRASH) Project locations.

The new release 2.0 of FDOT SSOGis Query Tool can be accessed on a wide range of web browsers and devices such as Microsoft Edge, Chrome, Safari, Firefox including desktops, tablets, and mobile devices. Because the tool has a public web interface and there is a need to limit the amount of data to manage performance, the tool will return a maximum of 5,000 records even when the result data set is larger.

For large dataset retrieval and/or any complex query a user may need, SSOGis GIS Services are available at FDOT State Safety Office ArcGIS Portal: FDOT SSOGis GIS Services

From within the FDOT State Safety Office ArcGIS Portal you can view, query, and use the following FDOT State Safety Office GIS datasets:

- Crashes and Crash Analysis

- sso/ssogis Map Server (public) and Feature Server (FDOT)
- Florida All Roadways, Intersections and Streets (FLARIS)
  - sso/ssogis_flaris Map Server (public) and Feature Server (FDOT)
- Additional datasets, e.g. Cities, Districts, Counties
  - sso/ssogis_supplemental Map Server (public)

FDOT Open Data Hub and the Unified Basemap Repository also display and allow export of Crashes, FLARIS and other data from SSOGIS and features other data layers pertinent for further safety analysis.

Requesting Crash History at a Specific Location: If the above self-service mapping tools do not meet your needs for performing roadway safety analysis, you may submit a data request by email, phone, or regular mail. To request by email, please send your request to FDOT.CrashData@dot.state.fl.us. To request by phone please call the FDOT State Safety Office Crash Records and Research Administrator at (850) 414-4007. To request by regular mail, please send requests to FDOT State Safety Office Crash Records, 605 Suwannee St, Tallahassee, FL 32399-0450, MS 53.

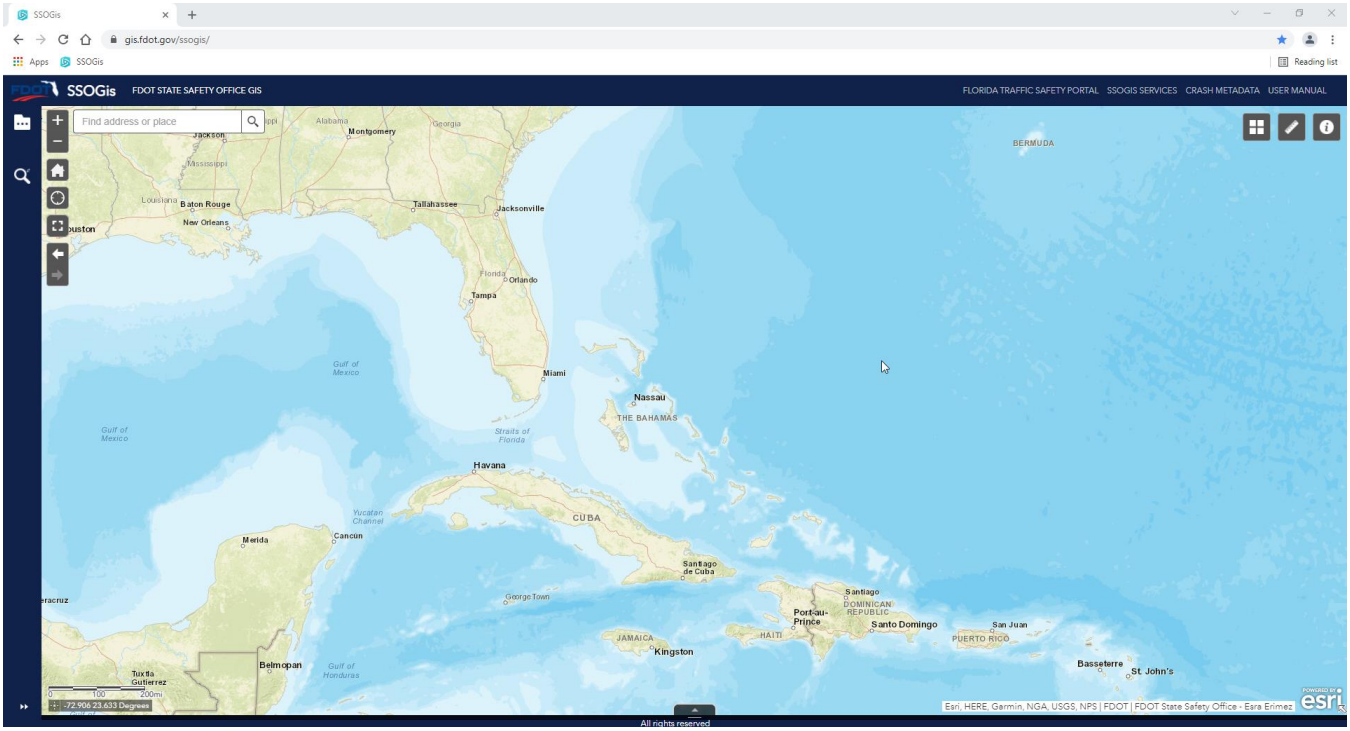
URLs

SSOGis Query Tool (Internet & Intranet): https://gis.fdot.gov/ssogis/

Description	Hyperlinks
FDOT	https://www.fdot.gov/
SSOGis Query Tool	https://gis.fdot.gov/ssogis/
SSOGis Query Tool User Manual & Data Dictionary	https://fdotewp1.dot.state.fl.us/trafficsafetywebportal/docs/SSO_SSOGis_User_Manual.pdf
SSOGis Query Tool Crash Metadata	https://gis.fdot.gov/ssogis/docs/MapCodeTableDefinitions.xlsx
Traffic Safety Web Portal (Internet)	https://fdotewp1.dot.state.fl.us/trafficsafetywebportal/
Traffic Safety Web Portal (Intranet)	https://fdotewp2.dot.state.fl.us/TrafficSafetyWebPortalFDOT/
SSOGIS Services	https://gis.fdot.gov/arcgis/rest/services/sso
SSOGis Query Tool User Manual	https://fdotewp1.dot.state.fl.us/trafficsafetywebportal/docs/SSO_SSOGis_User_Manual.pdf
All Roads Crash Analysis User Manual (ARCA)	https://fdotewp1.dot.state.fl.us/trafficsafetywebportal/docs/SSO_Web_Portal_ARCA.pdf
Crash Reduction Analysis System Hub User Manual (CRASH)	https://fdotewp1.dot.state.fl.us/trafficsafetywebportal/docs/SSO_Web_Portal_CRASH.pdf

Web Portal Overview

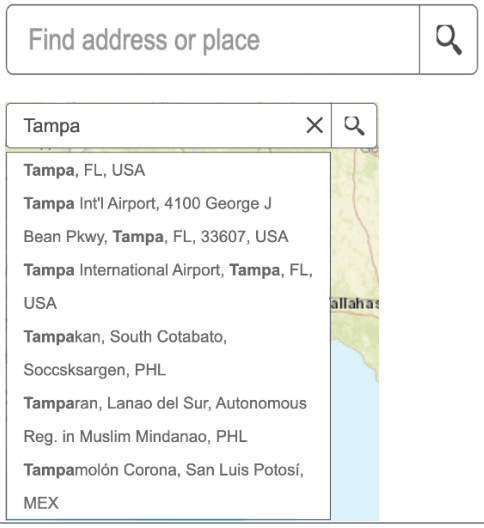
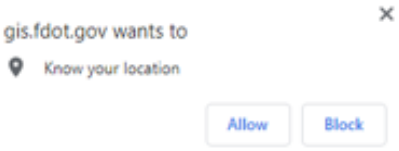
Navigate to https://gis.fdot.gov/ssogis/

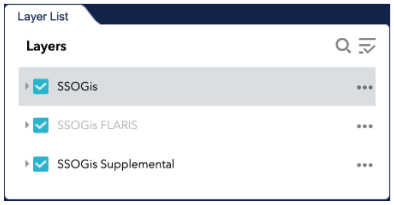
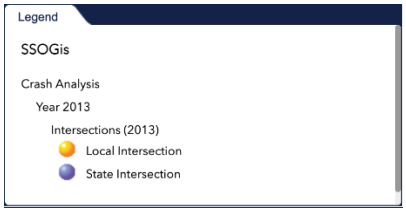


Icons / Thumbnails

Icon	Text	Description
FDOT	FDOT Website	This icon will open FDOT Website's Home Page in new tab https://www.fdot.gov/
	Florida Traffic Safety Portal	This link will open Florida Traffic Safety Portal home page FLORIDA TRAFFIC SAFETY PORTAL https://fdotewp1.dot.state.fl.us/trafficsafetywebportal/
	SSOGIS Services	This link will open SSOGIS Services Portal home page SSOGIS SERVICES https://gis.fdot.gov/arcgis/rest/services/sso

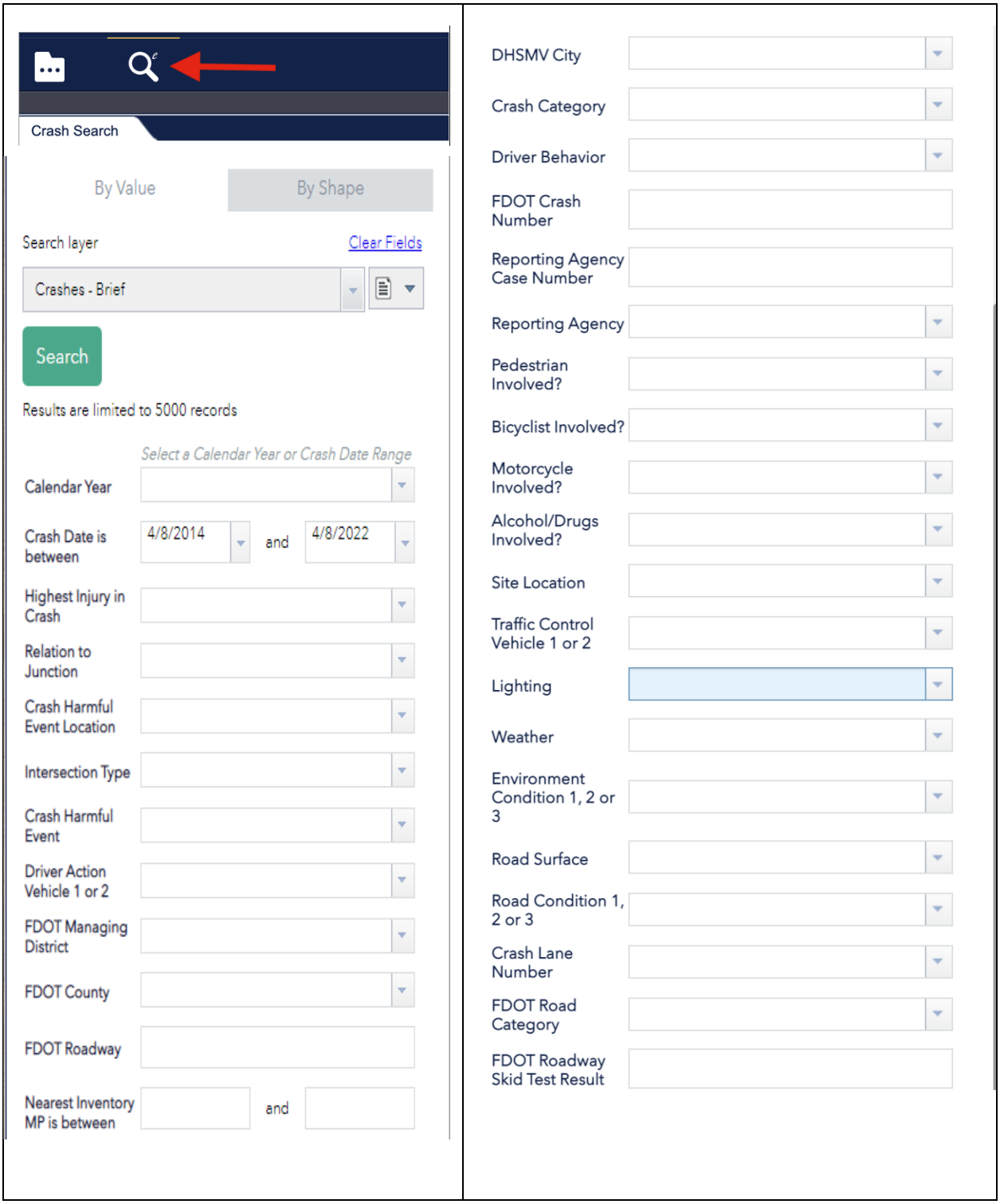
	Crash Metadata (Excel)	This link on right side of the header downloads CRASH METADATA Report as an excel sheet. The excel sheet gets downloaded in the Downloads Folder and can also be found through the downloads tab in browser. File can be moved to a preferred location after it is downloaded, or you can also change default location where your current browser download the files. Any changes made to file will be saved locally to the same file at same location from where you have opened it from.  ***Note***: Any changes made to the file by double clicking the document link from downloads tab in the browser will open and save changes in your downloads folder where it was downloaded. You cannot open file directly from downloads tab if you have already moved it to some other location.
	Base map Gallery	This Icon allow users to choose the preferred Basemap from following Options • Dark Gray Canvas • Imagery • Imagery with Labels • Light Gray Canvas • National Geographic • Oceans • OpenStreetMap • Streets (default) • Terrain with Labels • Topographic ***Note*****:** Default selection is Streets
	Ruler	This link opens a measurement tool which has three options: • Area  • Distance  • Location 
	About	This icon provides the Data Disclaimer. The information presented on the Florida Traffic Safety Web Portal has been compiled from information collected for the purpose of identifying, evaluating, or planning safety enhancements.
	Search Bar	Search Bar allows you to move the focus of the map searching by place Or Address. It gives suggestions as you start typing to select it from. Make sure you use Florida, USA addresses.

		
	Zoom	Zooms in or out of applied address or selected place.
	Home	Zooms out the map to original settings, showing the whole map of Florida.
	My Location	Zooms out to the present location of the user 
	Full Screen	Switches Map to Full Screen Mode
	Exit Full Screen	Brings map out from full screen mode, it is visible only when map is in full screen mode
	Previous Extent	Map points at Previous Extent

	Next Extent	Map points at Next Extent
	Layer List	If Layer List & Legend Icon is selected, the automatic Layers which are selected are SSOGis, SSOGis FLARIS and SSOGis Supplemental. 
	Legend	Once a location or address is put in the legend will show in same location.  **Note**: Legend will be displayed only when user will be zoomed close enough to a particular location and an option has been selected from the Layer list.
	Crash Search	It opens the crash search tab, where search can be done by value (default) or shape. It is explained in detail below.
	Expand Sidebar	It is at bottom on the left sidebar. It expands the side where it shows up Layers List and Legend tab and Crash Search tab
	Shrink Sidebar	Above icon changes into this icon if sidebar is open. It shrinks down the sidebar to the normal position. If any of the tab Layers List and Legend or Crash search tab is open it hides the tab, which can then be opened again (selected values in the tab remains the same).

Crash Search – By Value

Crash search has two subtabs where it allows to search By Shape and **By Value** (default). The **Crash Search – By Value tab**, offers 32 query parameters to the user to perform Crash Queries.



To allow maximum flexibility, SSO decided to not make any of the 32 parameters required. The 32 parameters operate with an “and” logical operator within the entered parameters.

- Because the tool has a public web interface and there is a need to limit the amount of data to manage performance, the tool will return a maximum of 5,000 records even when the result data set is larger.
- Larger dataset will require longer response time. The user is strongly advised to use at least a subset of parameters like: Year, County or District, Highest Injury in Crash, etc.

Search Layer and Report Lists

To increase the performance on the application response, there are 3 downloadable CSV output file **Report Lists** that the user can choose at his/her own will. The app default to “**Crashes – Brief**” the shortest list made of 23 fields because of performance, however the user can choose the “**Crashes – Partial Fields**” (medium list of 66 fields) or the “**Crashes – All Fields**” (full list made of 124 fields).

Metadata Excel Sheet

The metadata excel sheet now contains a new sheet called Report List.
Which contains the following information regarding:

Fields	Total # of Fields
Crashes - Brief	22
Crashes- Partial Fields	66
Crashes - All Fields	124

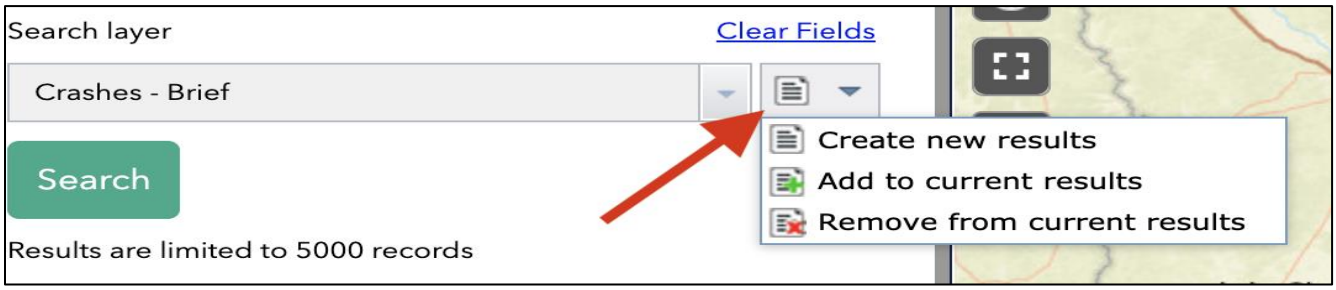
STATE SAFETY OFFICE GIS – REPORT LISTS

COLUMN NAME	ALIAS	Crashes - Brief	Crashes - Partial Fields	Crashes - All Fields
XID	Crash Id	x	x	x
CALENDAR_YEAR	Calendar Year	x	x	x
CRASH_NUMBER	FDOT Crash Number	x	x	x
CASE_NUMBER	Reporting Agency Case Number			x
INVSTGT_AGCY_CD	Reporting Agency Code			
AGENCY_TYPE_TXT	Reporting Agency Type			x
DOT_GEOG_DIST_CD	FDOT Managing District		x	x
DOT_CNTY_CD	FDOT County Code		x	x
COUNTY_TXT	County Name	x	x	x
CRASH_DATE	Crash Date	x	x	x
CRASH_TIME	Crash Time	x	x	x
DAYOWEEK	Weekday Code			
WEEKDAY_TXT	Day		x	x
DHSMV_CTY_CD	DHSMV City			x
DHSCNTYCTY	Crash Report City Code			x
IN_TOWN_FLAG	In Town			x
ON_ROADWAY_NAME	On Roadway Name	x	x	x
INT_ROADWAY_NAME	Int Roadway Name		x	x
REFDISTANCE_MI	Reference Distance (Miles)		x	x
REFDIRECT	Reference Direction		x	x
OFFICER_LATITUDE	Officer Latitude			x
OFFICER_LONGITUDE	Officer Longitude			x
SAFETYLAT	FDOT Latitude			x
SAFETYLON	FDOT Longitude			x
ROADWAYID	FDOT Roadway	x	x	x
LOCMP	Nearest Inventory MP	x	x	x
NEAREST_NODE_FROM_CRASH	Nearest Node from Crash			x
STATE_ROAD_NUMBER	State Road #			x
US_ROAD_NUMBER	US Highway			x
ACCSIDRD	Crash Side of Road	x	x	x

ACCLANE	Accident Lane Number	x	x	x
TRAVDIR	Travel Direction Vehicle 1	x	x	x
CRRATECD	FDOT Road Category			x
DHSRDSYS	DHSMV Road System Id			x
JCT_CD	Relation to Junction			x
FRST_HARM_LOC_CD	Crash Harmful Event Location			x
INTCT_TYP_CD	Intersection Type			x
TYPESHLD	Shoulder Type			x
SKID_NUMBER	FDOT Roadway SKID Test Result			x
SKID_TEST_DATE	FDOT Roadway SKID Test Date			x
FUNCLASS	Functional Class	x	x	x
RCI_SURFACE_WIDTH_FT	RCI Surface Width			x
RCI_SHOULDER_TYPE_1	RCI Shoulder Type First Code			
RCI_SHOULDER_TYPE_1_TXT	RCI Shoulder Type First			x
RCI_SHOULDER_WIDTH_1_FT	RCI Shoulder Width First			x
RCI_SHOULDER_TYPE_2	RCI Shoulder Type Second Code			
RCI_SHOULDER_TYPE_2_TXT	RCI Shoulder Type Second			x
RCI_SHOULDER_WIDTH_2_FT	RCI Shoulder Width Second			x
RCI_SHOULDER_TYPE_3	RCI Shoulder Type Third Code			
RCI_SHOULDER_TYPE_3_TXT	RCI Shoulder Type Third			x
RCI_SHOULDER_WIDTH_3_FT	RCI Shoulder Width Third			x
RCI_MEDIAN_WIDTH_FT	RCI Median Width			x
AVERAGE_DAILY_TRAFFIC	Avg Daily Traffic			x
AADT_SOURCE	AADT Source			x
RCI_AVG_PERC_TRUCK_TRAFF	RCI Avg Per Truck Traffic			x
RCI_HORIZ_CURVE_CD	RCI Horiz Curve Condition			x
SPEED_LIMIT	Posted Speed Limit		x	x
INJSEVER	Highest Injury in Crash	x	x	x
CARSTACD	CAR Status Code			x
ALCINVCD	Alcohols/Drug Involved		x	x
SITELOCA	Site Location	x	x	x
LGHT_COND_CD	Lighting	x	x	x
EVNT_WTHR_COND_CD	Weather	x	x	x
RD_SRFC_COND_CD	Road Surface		x	x
RDWY_GRDE_CD	Roadway Grade			x
RDWY_ALIGN_CD	Roadway Alignment			x
TRAF_WAY_CD	Traffic Way			
V1_TRAF_WAY_CD	Traffic Way Vehicle 1 Code			
V1_TRAF_WAY_CD_TXT	Traffic Way Vehicle 1			x
V2_TRAF_WAY_CD	Traffic Way Vehicle 2 Code			
V2_TRAF_WAY_CD_TXT	Traffic Way Vehicle 2			x
V1TRAFCTL	Traffic Control Vehicle 1 Code			
V1TRAFCTL_TXT	Traffic Control Vehicle 1		x	x

V2TRAFCTL	Traffic Control Vehicle 2 Code			
V2TRAFCTL_TXT	Traffic Control Vehicle 2		x	x
CNTOFLANES	Count of Lanes			x
ROADCOND1	Road Condition 1 Code			
ROADCOND1_TXT	Road Condition 1		x	x
ROADCOND2	Road Condition 2 Code			
ROADCOND2_TXT	Road Condition 2		x	x
ROADCOND3	Road Condition 3 Code			
ROADCOND3_TXT	Road Condition 3		x	x
ENVIRNMT1	Environment Condition 1 Code			
ENVIRNMT1_TXT	Environment Condition 1		x	x
ENVIRNMT2	Environment Condition 2 Code			
ENVIRNMT2_TXT	Environment Condition 2		x	x
ENVIRNMT3	Environment Condition 3 Code			
ENVIRNMT3_TXT	Environment Condition 3		x	x
MOST_HARM_EVNT_CD	Crash Harmful Event	x	x	x
IMPCT_TYP_CD	Manner of Collision	x	x	x
VHCL_MOVE_CD	Vehicle Movement	x	x	x
D1_FRST_DR_ACTN_CD	Driver Action Vehicle 1 Code			
D1_FRST_DR_ACTN_CD_TXT	Driver Action Vehicle 1		x	x
D2_FRST_DR_ACTN_CD	Driver Action Vehicle 2 Code			
D2_FRST_DR_ACTN_CD_TXT	Driver Action Vehicle 2		x	x
LOC_WTHN_ZONE_CD	Location Within Workzone			x
WRK_ZONE_TYP_CD	Type of Workzone			x
WRK_PRSNT_CD	Workers Present in Workzone			x
LAW_ENFRC_PRSNT_CD	Law Enforcement Present in Workzone			x
SCHL_BUS_REL_CD	School Bus Related			x
NUMBER_OF_INJURED	Count of Nonfatal Injuries		x	x
NUMBER_OF_KILLED	Count of Traffic Fatalities		x	x
NUMBER_OF_SERIOUS_INJURIES	Count of Serious Injuries		x	x
NUMBER_OF_PEDESTRIANS	Count of Pedestrians		x	x
TOTAL_DRIVERS	Count of Drivers			x
NUMBER_OF_BICYCLISTS	Count of Bicyclists		x	x
NUMBER_OF_VEHICLES	Count of Vehicles			x
TOTAL_PERSONS	Count of Persons			x
WRONGWAY_IND	Wrong Way		x	x
WORKZONE_IND	Workzone Inv		x	x
COMMERCIAL_VEHICLE_IND	Commercial Vehicle Inv		x	x
INTERSECTION_IND	Intersection Inv		x	x
LANE_DEPARTURE_IND	Lane Departure		x	x
SPEEDING_IND	Speeding		x	x
AGGRESSIVE_DRIVING_IND	Aggressive Driving		x	x
IMPAIRED_DRIVER_IND	Impaired Driver		x	x

IMPAIRED_PEDESTRIAN_IND	Impaired Pedestrian		x	x
IMPAIRED_BICYCLIST_IND	Impaired Bicyclist		x	x
DISTRACTED_DRIVER_IND	Distracted Driver		x	x
SPEEDING_AGGRESSIVE_IND	Speeding or Aggressive Driving		x	x
PEDESTRIAN_RELATED_IND	Pedestrian Related		x	x
BICYCLIST_RELATED_IND	Bicyclist Related		x	x
PEDESTRIAN_BICYCLIST_IND	Pedestrian or Bicyclist Related		x	x
MOTORCYCLE_INVOLVED_IND	Motorcycle Inv		x	x
NO_BELT_IND	No Belt		x	x
NO_BELT_AGE_1_4_IND	No Belt - Ages 1-4			x
NO_BELT_AGE_5_12_IND	No Belt - Ages 5-12			x
NO_BELT_AGE_13_17_IND	No Belt - Ages 13-17			x
AGE_TEEN_IND	Driver - Ages Teen		x	x
AGE_65_PLUS_IND	Driver - Ages 65 plus		x	x
AGE_65_69_IND	Driver - Ages 65-69			x
AGE_70_74_IND	Driver - Ages 70-74			x
AGE_75_79_IND	Driver - Ages 75-79			x
AGE_80_PLUS_IND	Driver - Ages 80 plus			x
LINK_ID	Navteq Link Id			
CRSH_REF_NODE_ID	Crash Reference Node Id			
CRSH_XTMREF_NOD_ID	Crash Begin Node Id			
DSTNC_TOXTRNOD_NUM	Distance to Begin Node			
CRSH_XTRREFNODB_ID	Crash End Node Id			
DST_TOXTRMNODB_NUM	Distance to End Node			
LATITUDE	ARBM Latitude	x	x	x
LONGITUDE	ARBM Longitude	x	x	x
X_COORDINATE	UTM Zone 17N X			x
Y_COORDINATE	UTM Zone 17N Y			x
ARBM_ROADSIDE	ARBM Side of Road			x
GEO_URBAN_RURAL_IND	Urban Rural Indicator		x	x
MAP_SOURCE	GIS Street Source			x
EXTRACT_DATE	Extract Date			x
ARBM_ROAD_STATUS	ARBM Road Status			
	Total	22	66	124



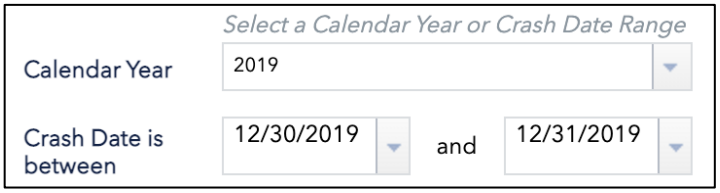
The Icon which looks like a document, has three options:

1. Create new results based on user search.
2. Add to current results, will add the last search to current results.
3. Remove from current results, will remove the last search form the current results.

***Note**:* It may take some time to load results when user clicks on search Button depending upon the values selected for search. You may not see a loading icon while app is loading the values after clicking on search. Results are limited to 5000 records.

Calendar Year and Crash Date Range

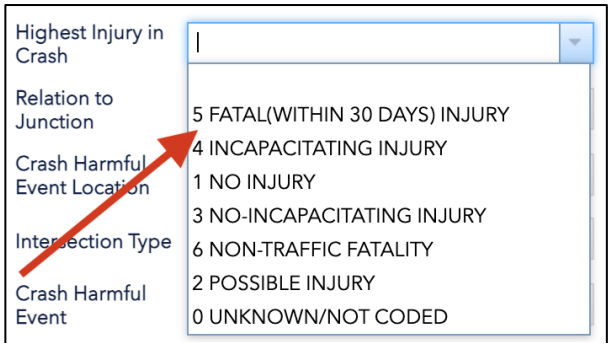
Select a Calendar Year from a dropdown, for example 2021 or select a date range from the same year in the Crash Date is between.



Highest Injury in Crash

Select the injury level in Highest injury in Crash dropdown, there are 7 options:

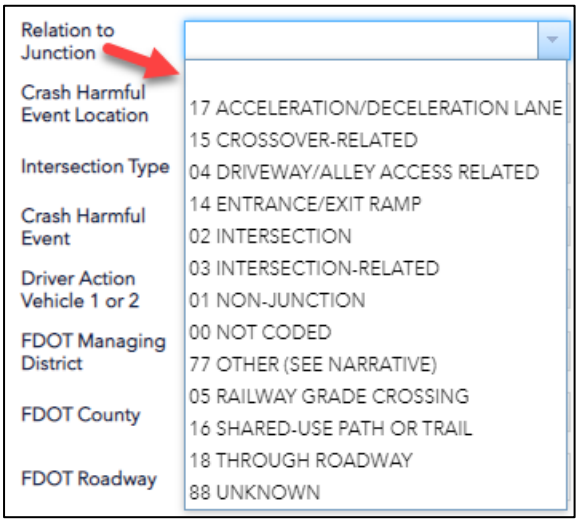
1. Fatal (Within 30 Days) Injury
2. Incapacitating Injury
3. No Injury
4. No-Incapacitating Injury
5. Non-Traffic Fatality
6. Possibly Injured
7. Unknown/ Not Coded



Relation to Junction

Select Relation to Junction from dropdown, there are 13 options:

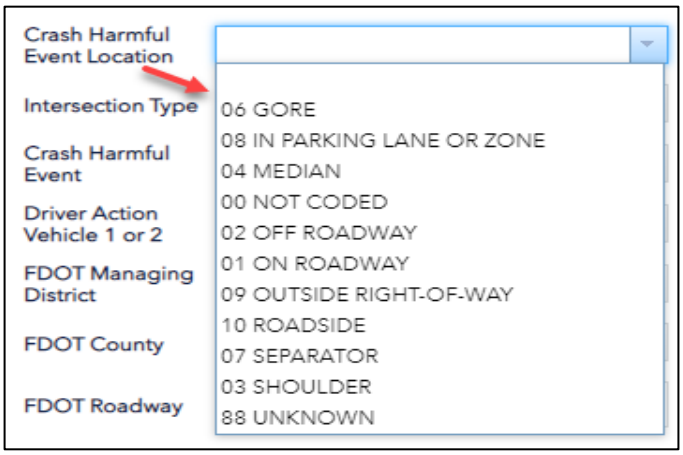
1. Acceleration/Deceleration Lane
2. Cross-over related
3. Driveway/ Alley access related
4. Entrance/Exit ramp
5. Intersection
6. Intersection- Related
7. Non-Junction
8. Not Coded
9. Other (See Narrative)
10. Railway Grade Crossing
11. Shared- use path or trail
12. Through Roadway
13. Unknown



Crash Harmful Location

Select Harmful Locations from drop down and there are 11 options:

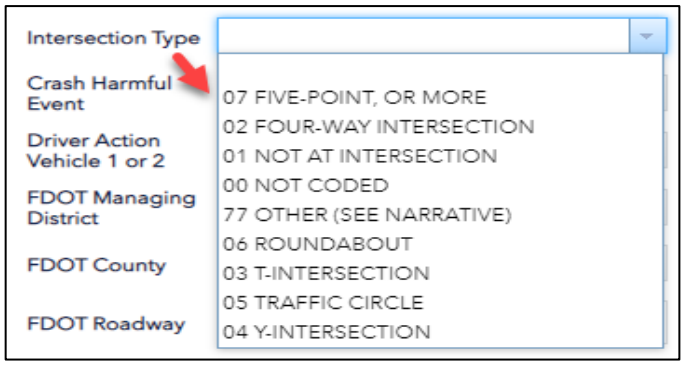
1. Gore
2. In parking lane or zone
3. Median
4. Not Coded
5. Off Roadway
6. On Roadway
7. Outside right of way
8. Roadside
9. Separator
10. Shoulder
11. Unknown



Intersection Type

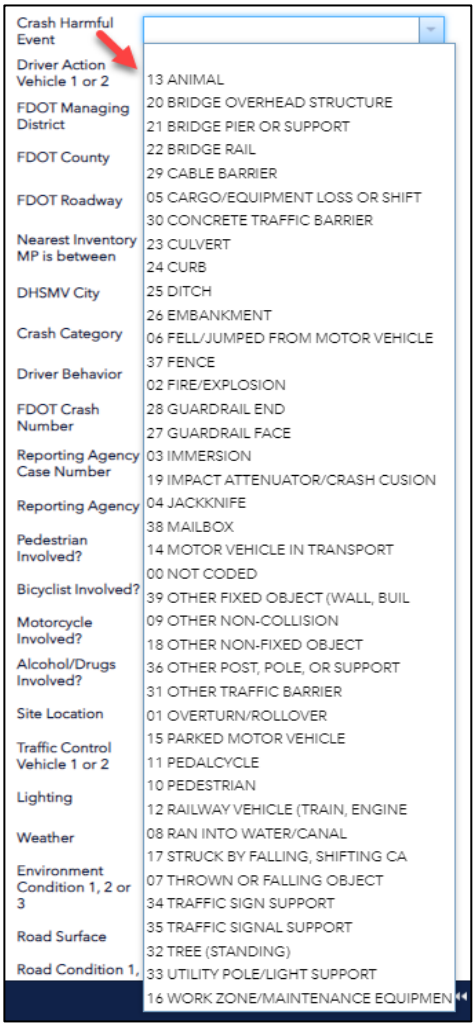
Select Intersection type from dropdown and it has 10 options:

1. Five points, or more
2. Four-way intersection
3. Not at intersection
4. Not Coded
5. Other (see narrative)
6. Roundabout
7. T-Intersection
8. Traffic circle
9. Y-Intersection



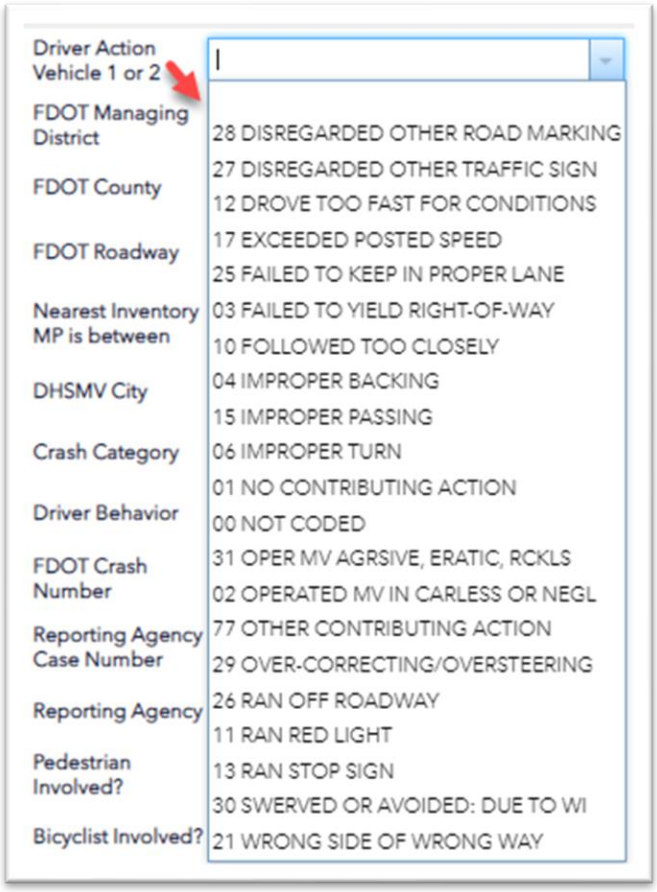
Crash Harmful Event

Select Crash Harmful Events from drop down it has 40 options.



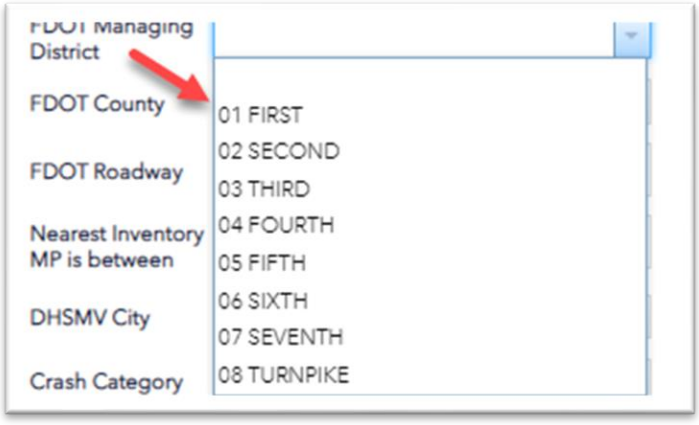
Driver Action Vehicle 1 or 2

Driver Action Vehicle 1 or 2 has 21 options to choose from as listed in image.



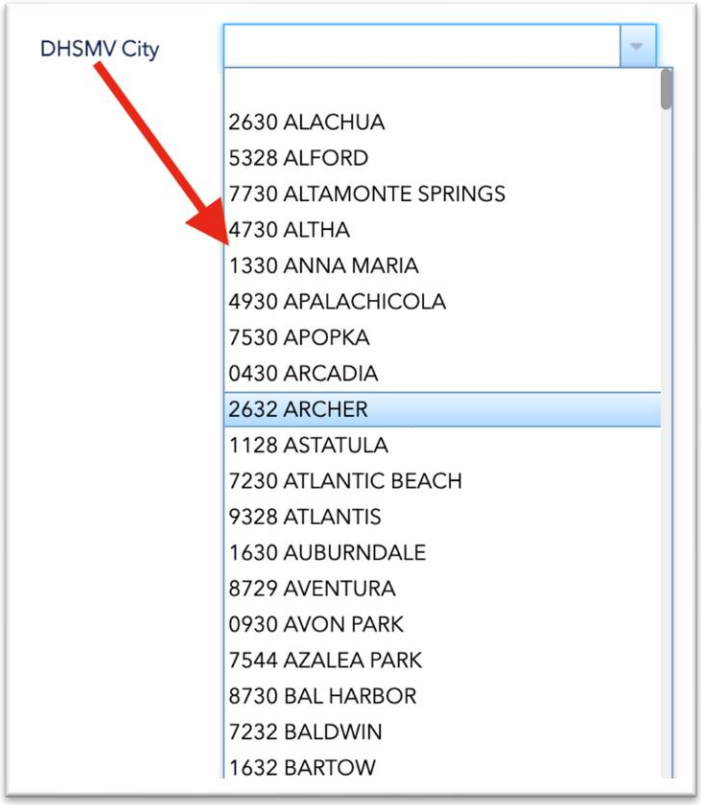
FDOT Managing District

FDOT Managing District has 8 options to choose from as listed in image.



FDOT County

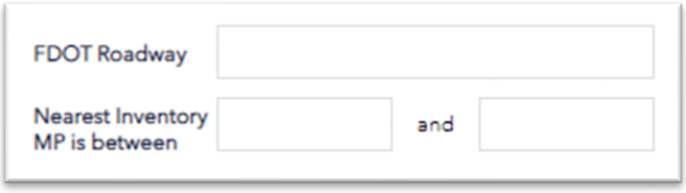
FDOT County has 71 options to choose from as listed in drop down image.



FDOT Roadway

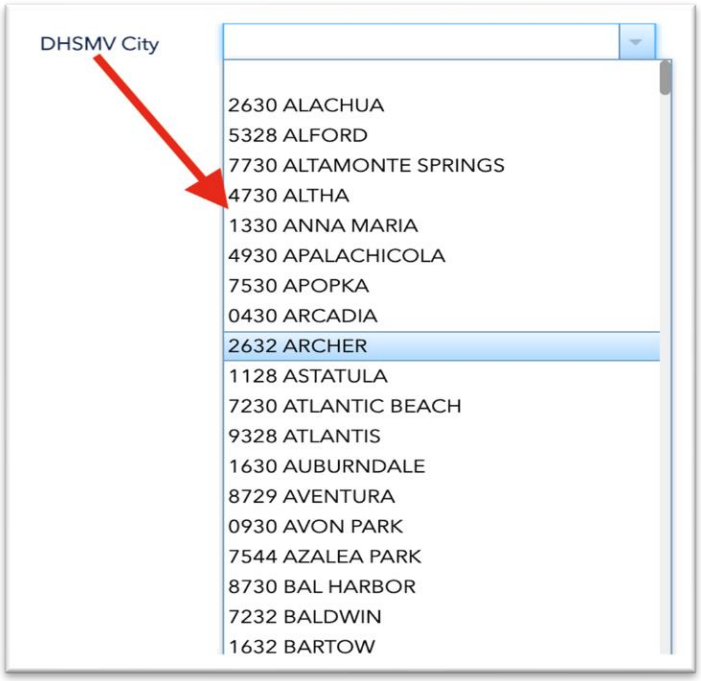
FDOT Roadway has 2 options to be entered:

- The FDOT Roadway ID (e.g., 55320000)
- The Beginning and Ending Mile Point of the interested Linear Reference System length (e.g., 1.00 – 3.50)



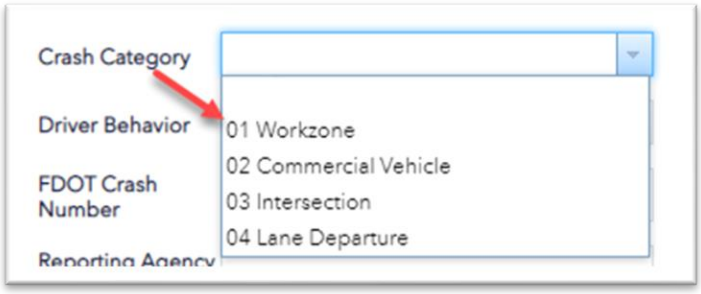
DHSMV City

Select DSHMV City from dropdown, it has list of all the cities in Florida.



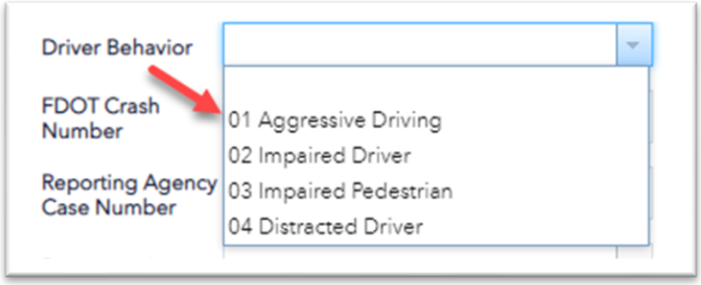
Crash Category

Crash Category has 4 options to choose from as listed in drop down image.



Driver Behavior

Driver Behavior has 4 options to choose from as listed in drop down image.



FDOT Crash Number

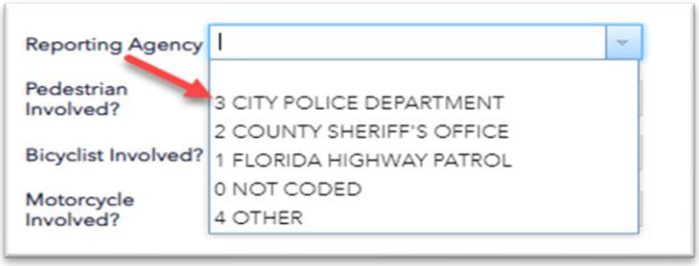
FDOT Crash Number must be entered in manually.

Reporting Agency Case Number

Reporting Agency case number must be entered in manually.

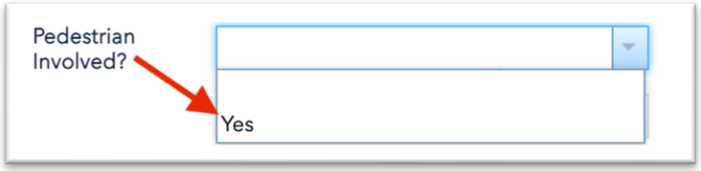
Reporting Agency

Reporting Agency has 5 options to choose from as listed in drop down image.



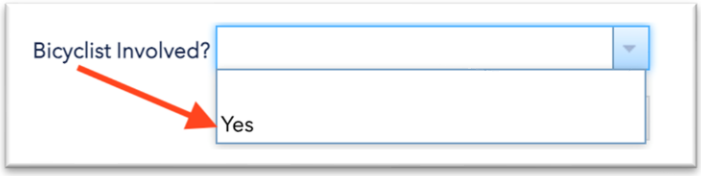
Pedestrian Involved

Pedestrian Involved has 1 option to choose from drop down image.



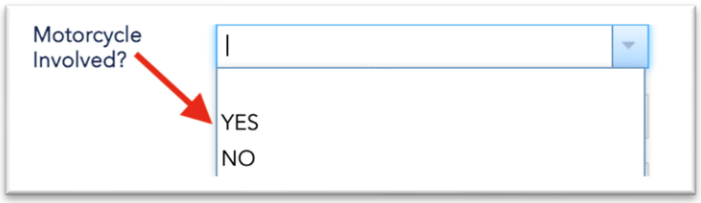
Bicyclist Involved

Bicyclist Involved has 1 option to choose from as listed in drop down image.



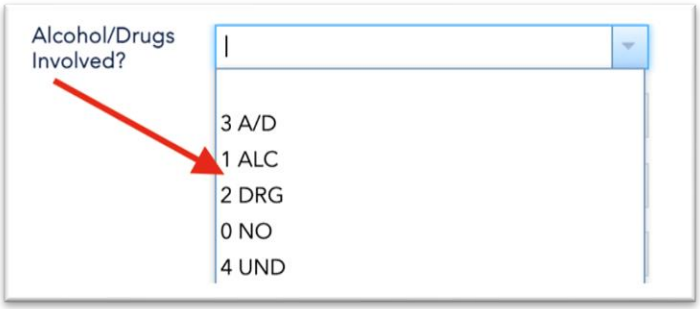
Motorcycle Involved

Motorcycle Involved has 2 options to choose from as listed in drop down image.



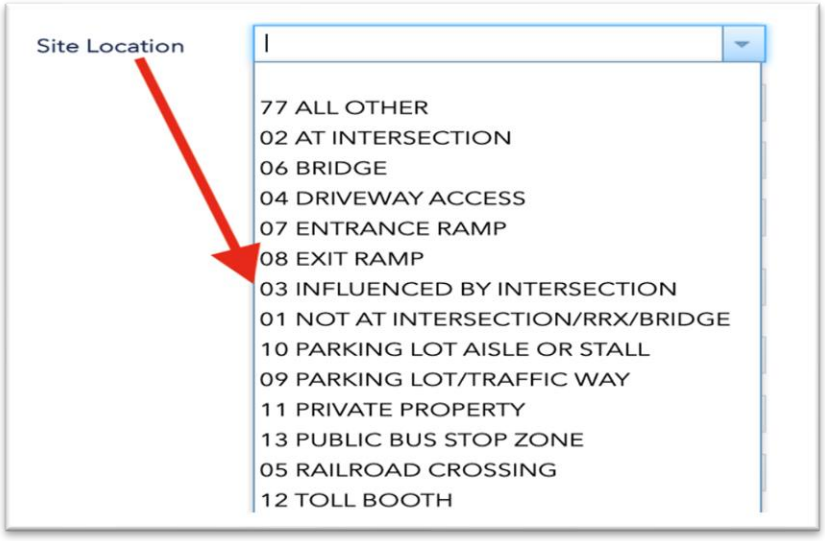
Alcohol / Drugs Involved

Alcohol/ Drugs Involved has 5 options to choose from as listed in drop down image.



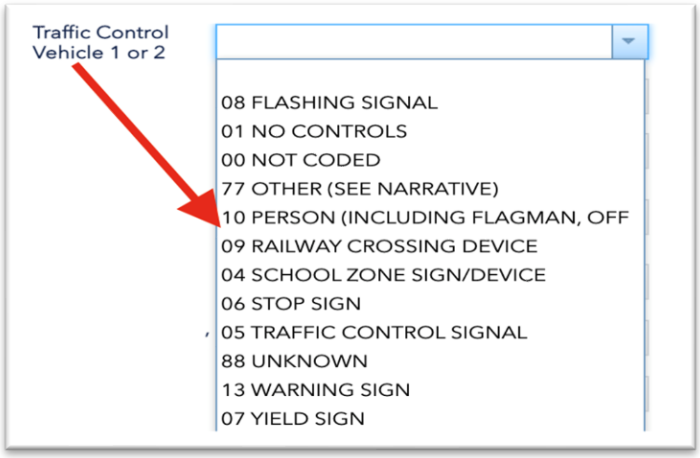
Site Location

Site Location Involved has 14 options to choose from as listed in drop down image.



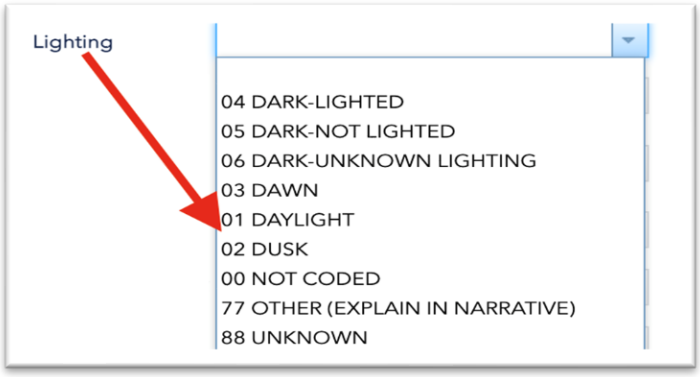
Traffic Control Vehicle 1 or 2

Traffic Control Vehicle 1 or 2 involved has 12 options to choose from as listed in drop down image.



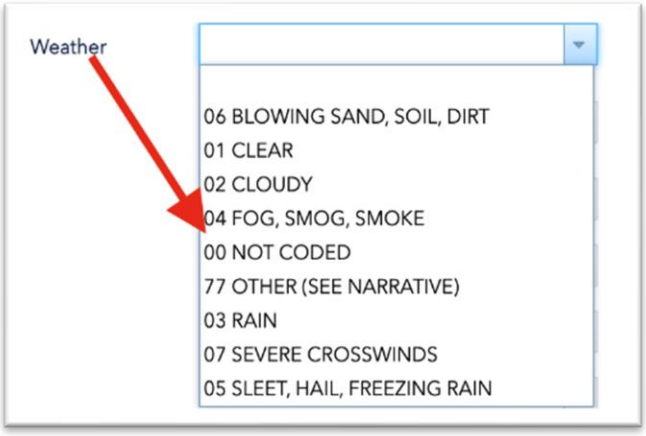
Lighting

Lighting has 9 options to choose from as listed in drop down image.



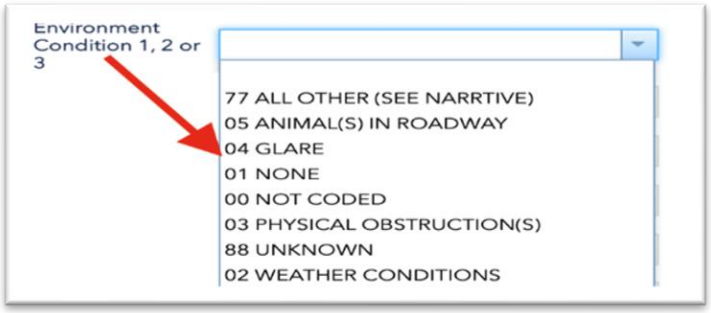
Weather

Weather has 9 options to choose from as listed in drop down image.



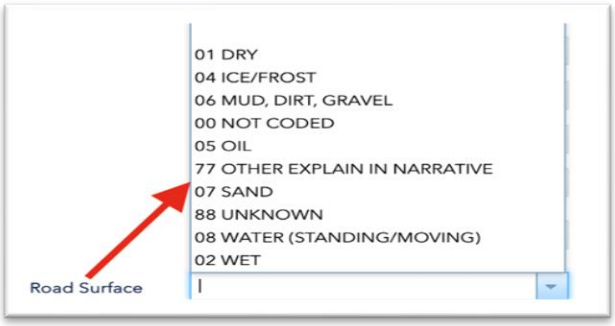
Environment Condition 1,2, or 3

Environment Condition 1,2 or 3 has 8 options to choose from as listed in drop down image.



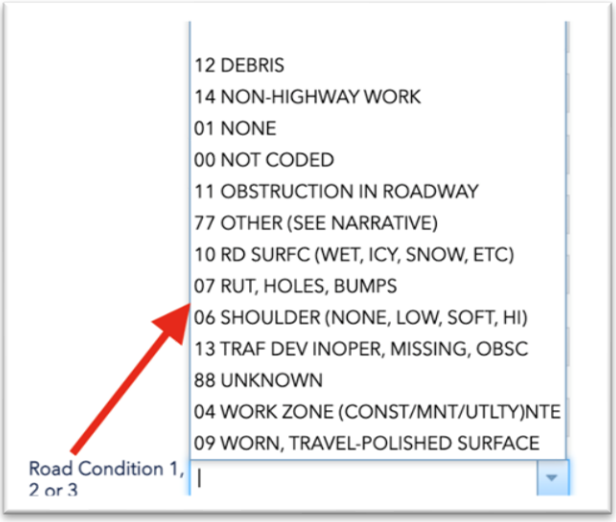
Road Surface

Road Surface has 10 options to choose from as listed in drop down image.



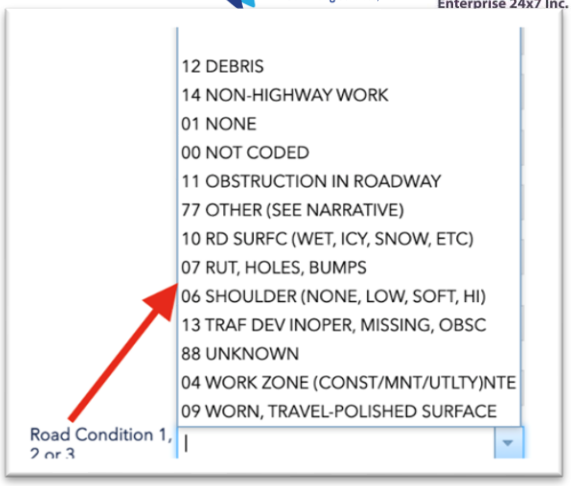
Road Condition 1,2, or 3

Road Condition 1,2, or 3 has 13 options to choose from as listed in drop down image.



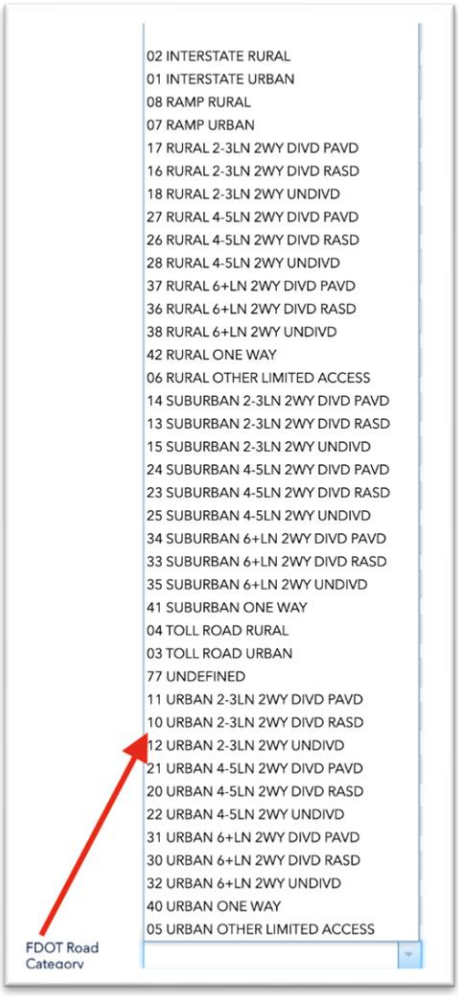
Crash Lane Number

Crash Lane Number has 13 options to choose from as listed in drop down image.



FDOT Road Category

FDOT Road Category has 39 options to choose from as listed in drop down image.



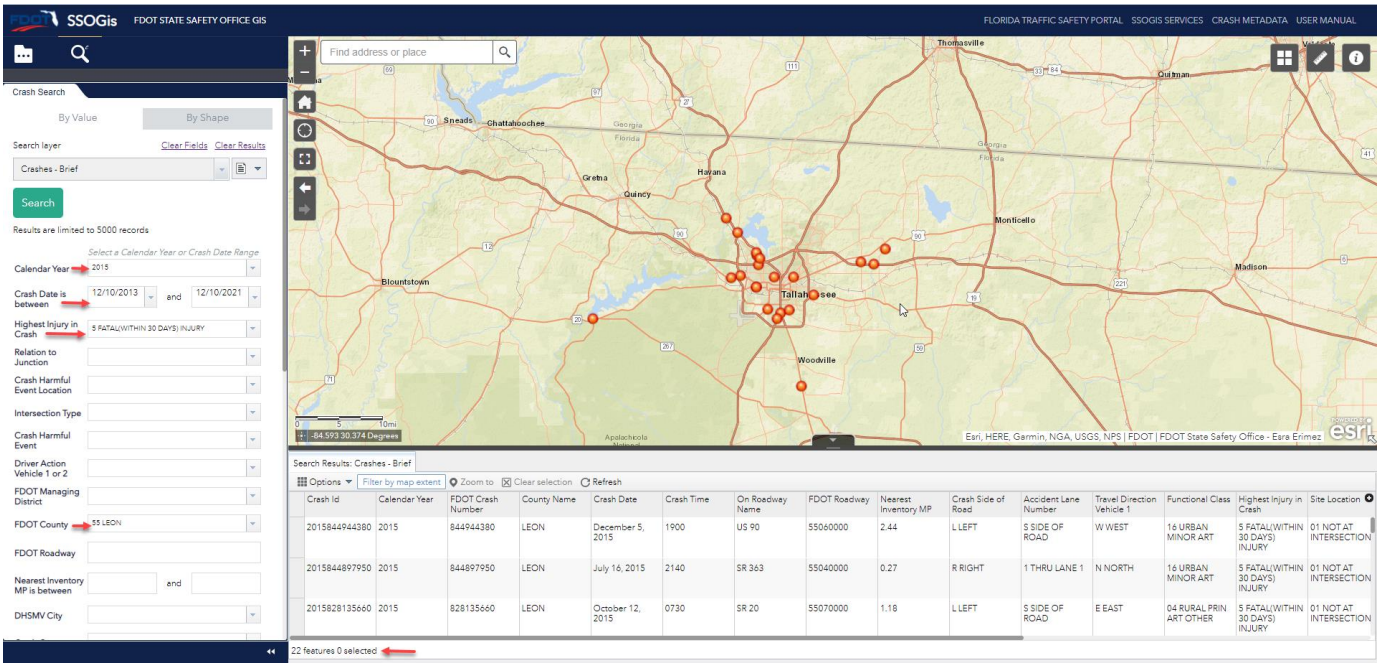
FDOT Roadway Skid Test Result

FDOT Roadway Skid Test Result must be entered in manually.

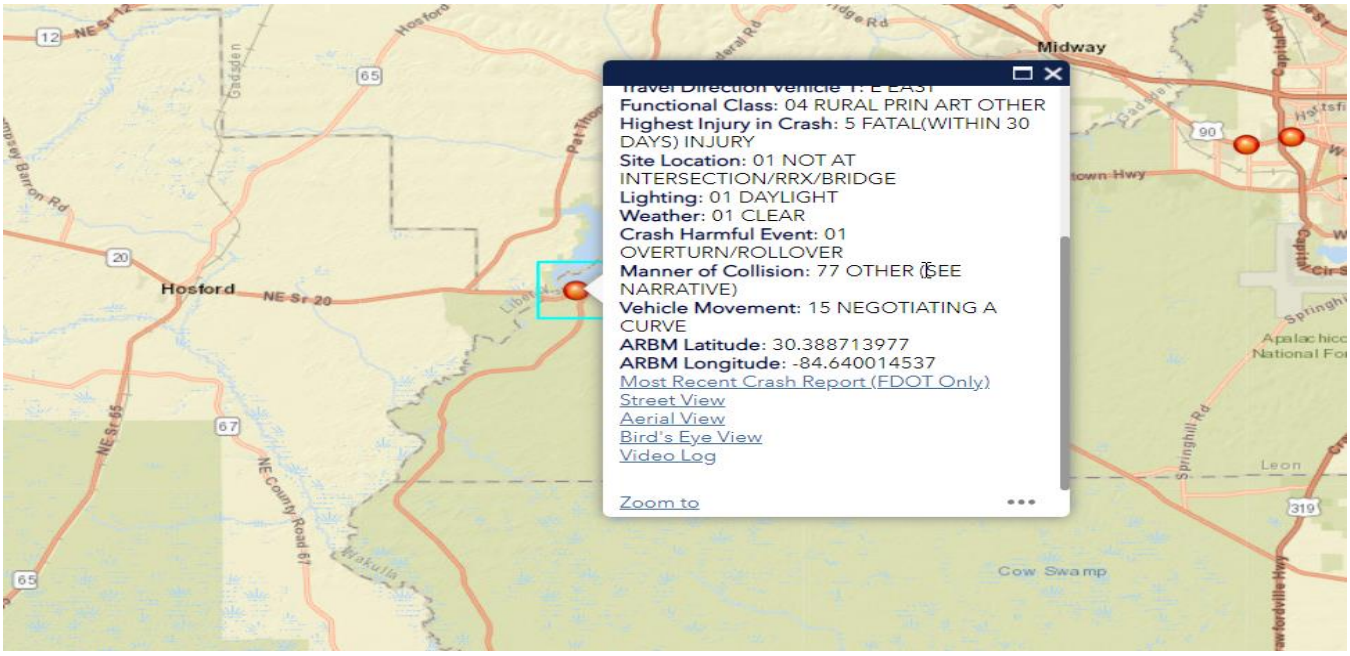
Crash Search – By Value: Pop-ups Tool (use case example)

Once a query has been performed, for example: Crashes- Brief, Calendar Year 2015. Highest Injury in Crash as 5 – Fatal and FDOT County 55 Leon.

The result of 22 features is displayed both in the Report Table and the Map, as shown below.



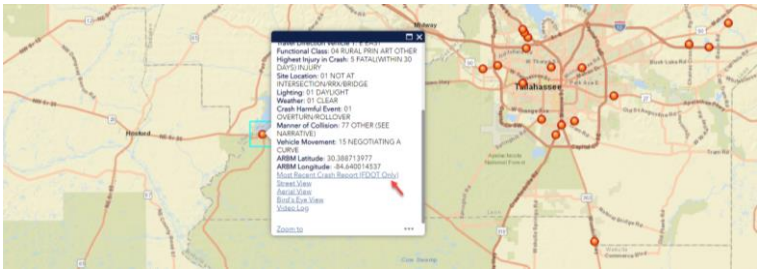
It is possible to toggle between the table and map (if a record is selected in blue, the corresponding crash is also highlighted in blue), or it is possible to directly select any Crash points shown on the Map.

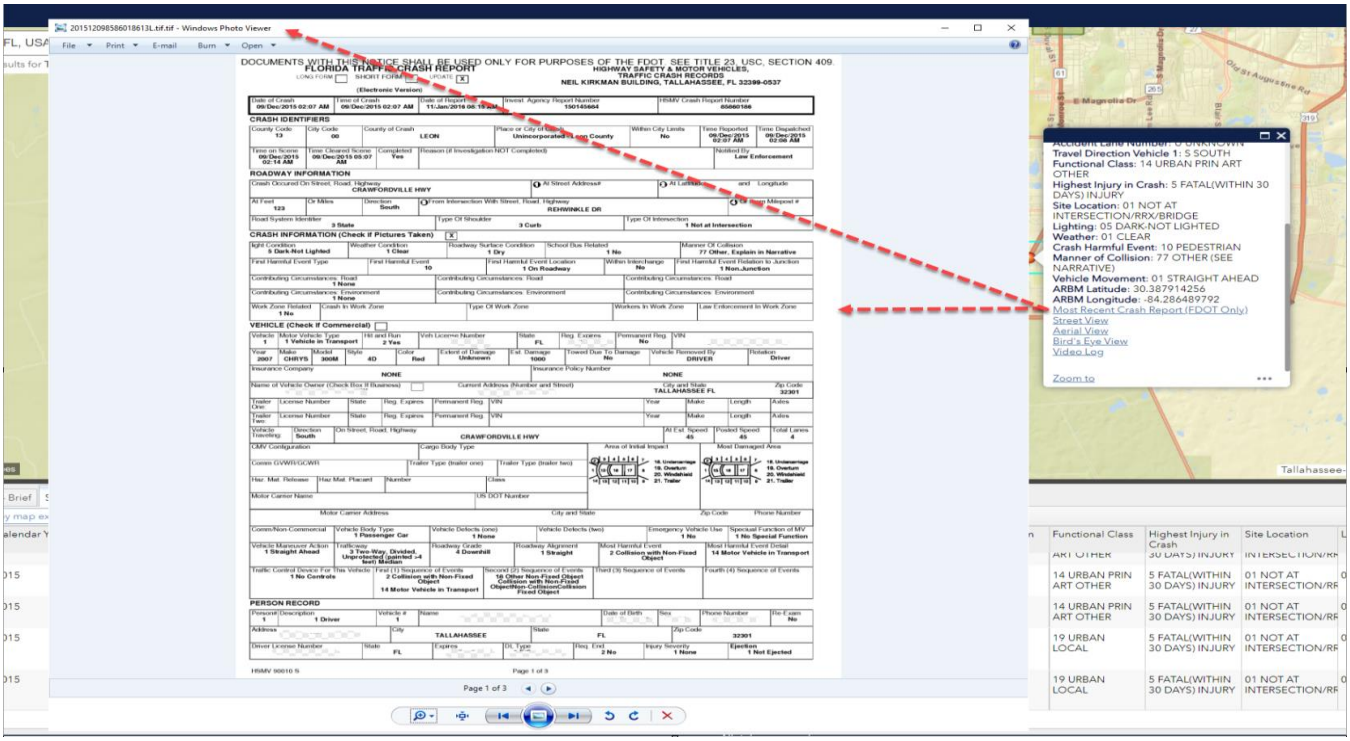


A pop-up will be displayed reporting all the attributes associated to the specific Crash and additional 7 options:

- **Most Recent Crash Report (FDOT's users only)**
- **Street View**
- **Aerial View**
- **Bird's Eye View**
- **Video Log**
- **Zoom to**
- **... Additional 3 options**

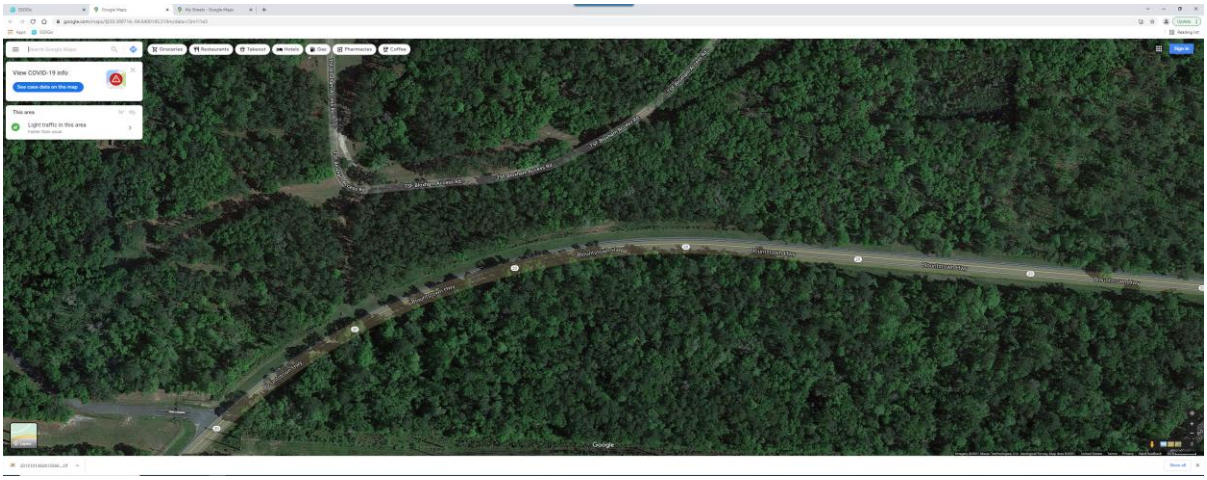
Most Recent Crash Report (FDOT's users only) will download a Tiff file, that the user can save on his own system. Note: If multiple tiffs files are downloaded and saved in the same location, the Tiff file reader will display the last downloaded file first, but it will also allow the user to browse the previous Crash files downloaded in the same location.



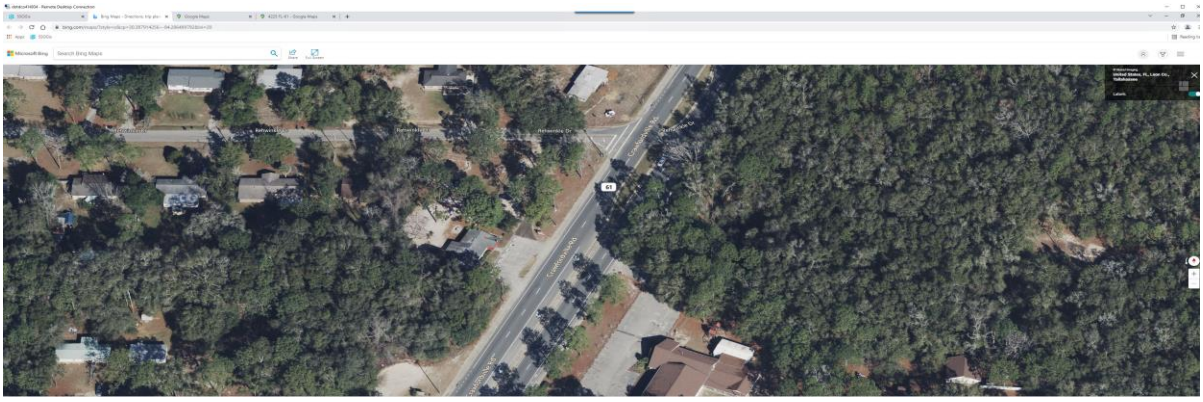


Street View will open a new tab in Google Maps

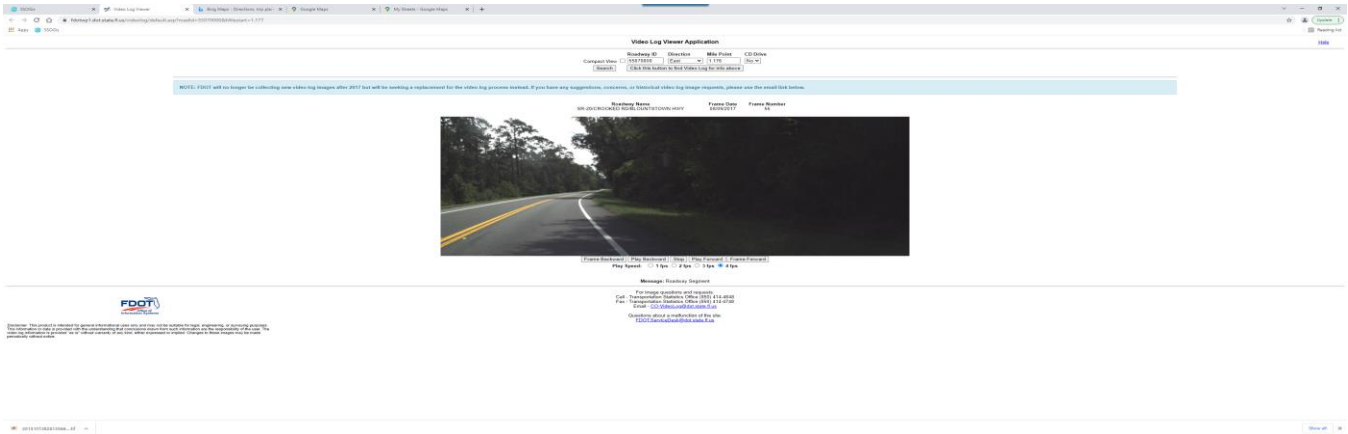
Aerial View will open a new tab in Google Maps with a Satellite View



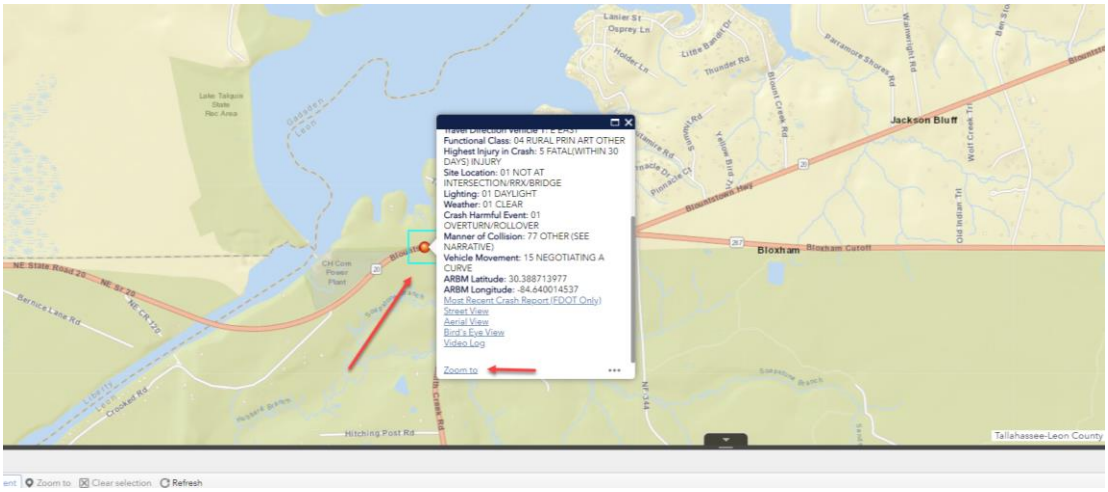
Bird's Eye View will open a new tab in Microsoft Bing with location.



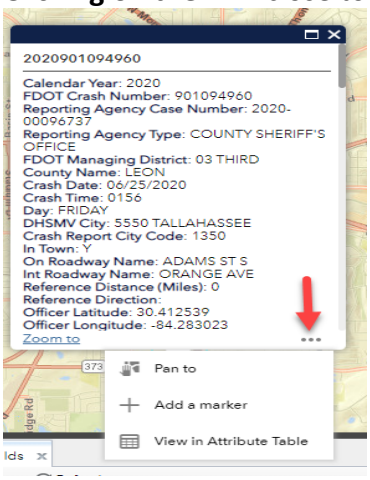
Video log will open a new tab in the FDOT Video Log Viewer. Note: Video log images are not available for all records



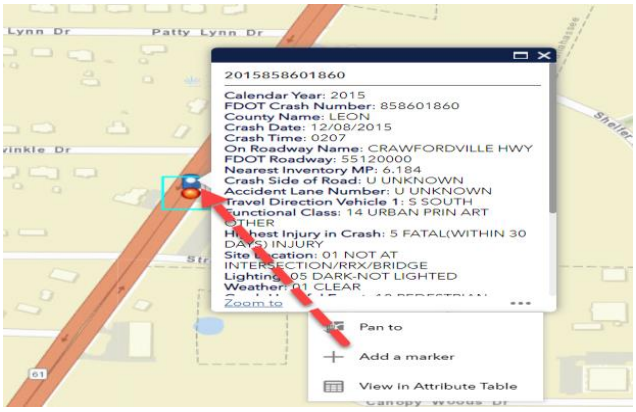
Zoom to will zoom to the records on the map



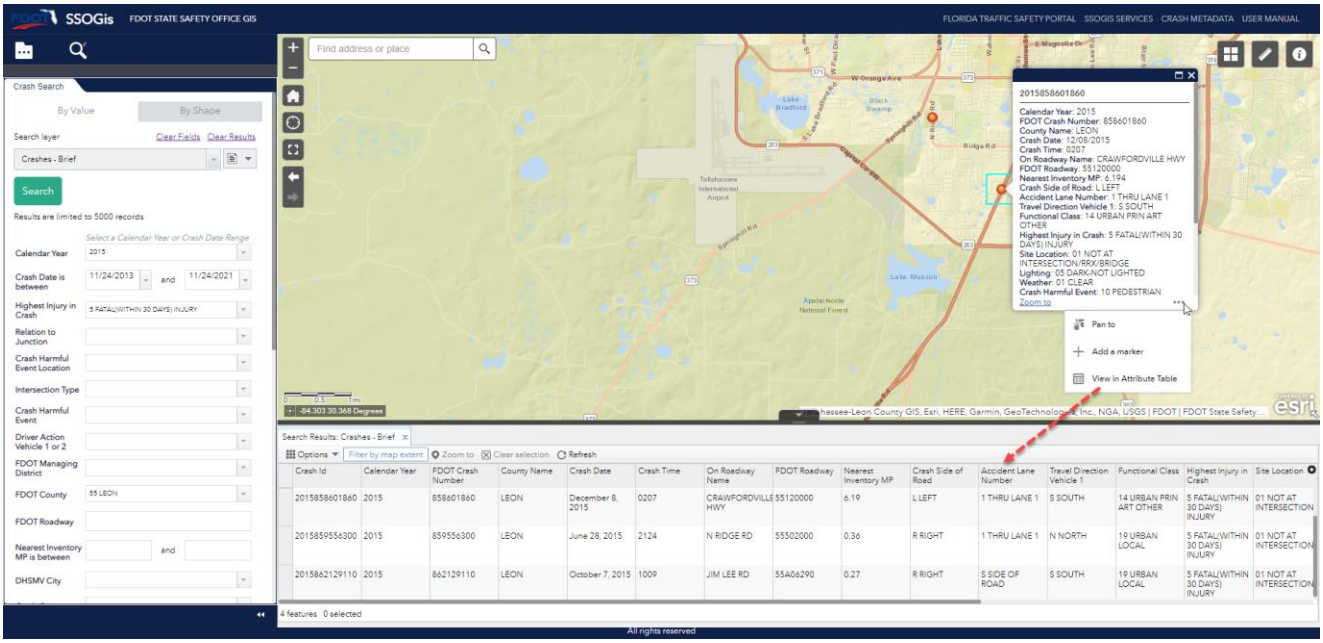
Clicking on the "..." close to Zoom To will offer 3 additional options:



- **"Pan to"** zooms into the map and moves it closer to the location of crash
- **"Add a marker"** adds a marker on the Map

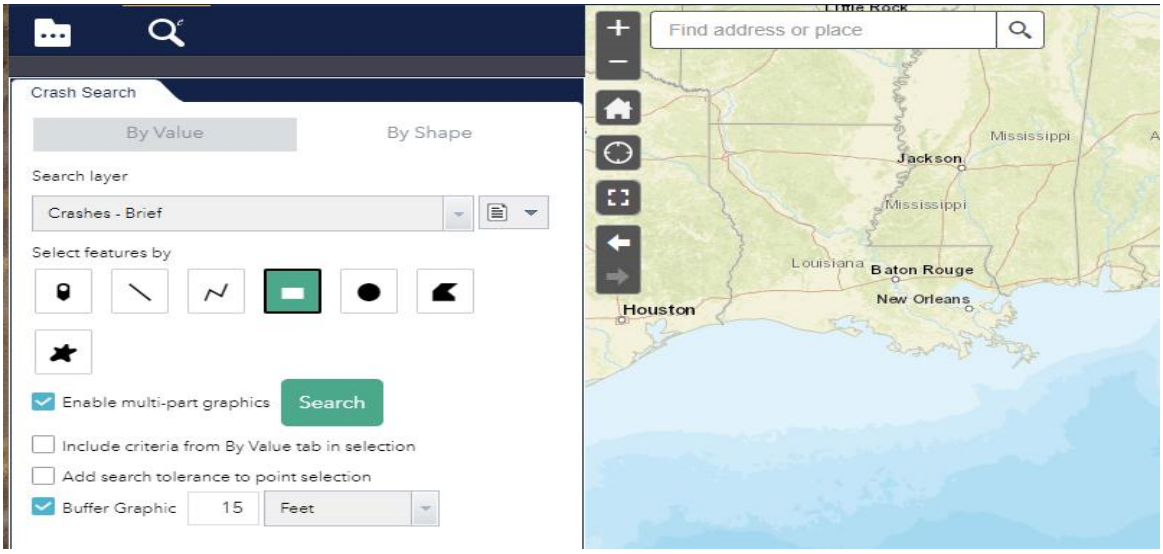


- **“View in Attribute Table”** filters out all the records from the Report Table except for the one in focus. After that, if the user clicks “**Refresh**” on the Report Table, then all the records will be shown again.



Crash Search – By Shape

SSOGis Query Tool offers an option to search "**By Shape**" once the related tab is clicked.



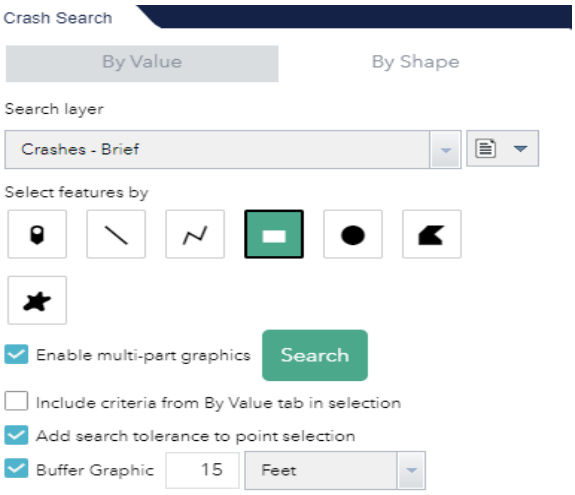
Actions:

- **Search:** clicking this button will cause SSOGis to **perform the query** and return the results, if available. ESRI does not always display a "rotating circle", letting the user know the query has being performed. ESRI does not show an empty Result Table if no records are found.
- **Clear Results:** (option appears after clicking on "Search") clicking this button will cause SSOGis to clear the "**Report Table**" and the "**Map**".
- **Clear Shape:** (option appears after clicking on "Search") clicking this button will cause SSOGis to clear **all the drawn "Shapes" used to perform** a query.

Users may select features using different "**Shapes**":

• Point	• Line
• Polyline	• Extent
• Circle	• Polygon
• Freehand Polygon	*Note:* Default settings are selected to Extent

User can interact with the shape choosing different **additional spatial parameters**:



1. **Enable multi-part graphics (default),** allows the user to draw multiple shapes (which must be of the same type) and perform a spatial search on the combined drawn shapes.
    - **Attention**: performing a query after drawing multiple shapes at once may results in long waiting time to obtain results.
2. **Include criteria from By Value tab in selection**, allows the user to include the attributes entered in the "**By Value**" tab in the current "**by Shape**" query.
3. **Add search tolerance to point selection**, works with shape equal to "Point" to define a search radius.
4. **Buffer Graphic (15 feet is set to default)**, adds a spatial buffer equal to the defined value to the chosen shape. It is particularly effective for "**point**", "**line**" and "**polyline"** shapes. User should consider using a buffer from 15 feet for 2 lanes undivided roads up to 100-150 feet buffer for divided roads.

NOTES: when using a spatial query "By Shape", users should remember the following considerations, which apply to all the Shapes:

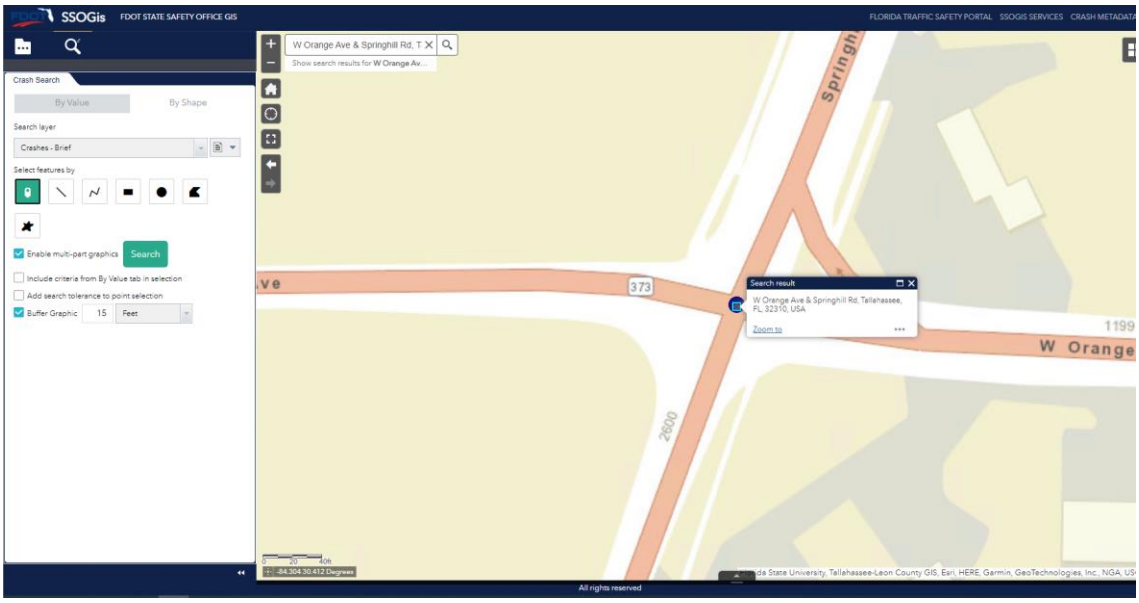
- **Zoom** closer to the Map will help the user to better identify the actual region he/she wants to query by the drawn shape. To get an accurate shape, please zoom into the area as much as possible, otherwise the result selected will not be accurate and/or the system will not find and will not return any results.
- As for other search, if no results are present, the Report Table will not be displayed for that area.
- **Crashes** are **located** on the SSO ARBM (All Road Basemap) using **FLARIS** (Florida All Roadways, Intersections and Streets database). For best results, user should navigate to the "**Layers List**", select "**SSOGis FLARIS**" and at least turn on **one of the available layers** among "FLARIS ARBM Streets", "FLARIS ARBM Routes", "FLARIS Intersections".

- **FLARIS Intersections (and Intersection Cores and Legs)** are very useful layers for **Point, Extent, Polygon, Circle** shapes**.**
- **FLARIS ARBM Streets and/or Routes** are very useful layers for **Line, Polyline** shapes

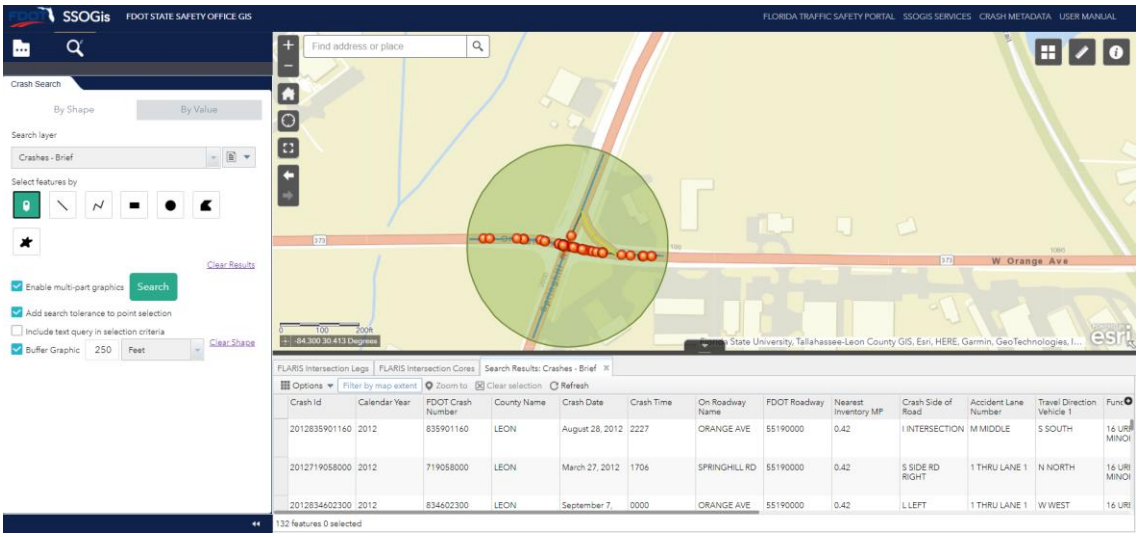
- **Clear Shape button** will clear only **shapes that have been used** to perform a query.
- A shape that has been used to perform a query will not be re-used by the application to perform future queries, unless re-drawn on the Map.
- To **clear a Shape that is drawn by error** before performing a query, simply choose a different geometry type shape and click on "Continue". This will clean the any mistakenly drawn shapes.
- The **defaulted** shape is '**Extent'**. If a user toggle between "By Shape" and "By Value" after choosing a shape different than "Extent", the application will ask: "Mixing major geometry types like points, lines and polygons is not supported. Do you want to continue which will result in clearing all previous drawn graphics?"
  - "Continue" will reset the shape to "Extent" and delete any previously drawn shapes different than "Extent".
  - "Cancel" will not reset the shape to "Extent" but leave the chosen shape and will not delete any previously drawn shapes different than "Extent".

Point

Click on the Map to **Add** point, select "**Add search tolerance to point selection**" and enter a value in the **"Buffer Graphic"** fields.



Once clicked on "**Search**", the results are displayed in the "Report Table" and on the "Map".



Note:

- It is important that either the check box "**Add search tolerance to point**" or the "**Buffer Graphic**" selection is selected to increase probability of results to be found by the query and displayed in the table.
- **Crashes** are **located** on the SSO ARBM (All Road Basemap) using **FLARIS** (Florida All Roadways, Intersections and Streets database). For best results, user should navigate to

the "**Layers List**", select "**SSOGis FLARIS**" and at least turn on **one of the available layers** among "FLARIS ARBM Streets", "FLARIS ARBM Routes", "FLARIS Intersections".

- **FLARIS Intersections (and Intersection Cores and Legs)** are very useful layers for **Point, Extent, Polygon, Circle** shapes**.**

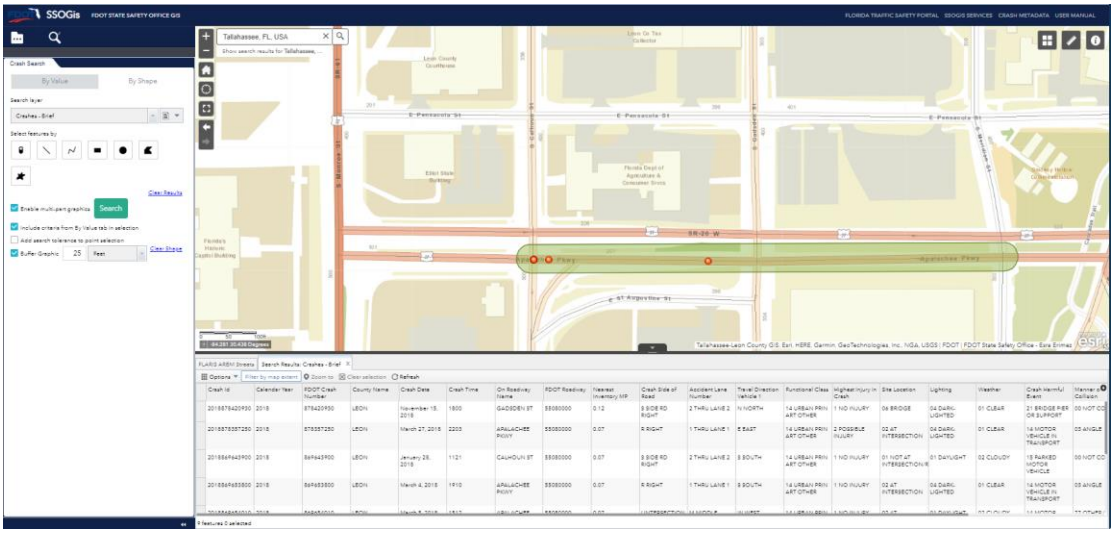
Line Feature

To add a "**Line**", press down on the mouse to start the line and let go at the end of the segment you wish to draw to complete the segment. Enter a value in the **"Buffer Graphic"** fields and click on "**Search**" to find results in the Result Table and Map.

Notes:

- It is important that the "**Buffer Graphic**" selection is selected to increase probability of results to be found by the query and displayed in the table. Buffer Graphic (15 feet is set to default) adds a spatial buffer equal to the defined value to the chosen shape. It is particularly effective for "**point**", "**line**" and "**polyline"** shapes. User should consider using a buffer from 15-25 feet for 2 lanes undivided roads up to 100-150 feet buffer for divided roads and more for multiple lanes.

- **Crashes** are **located** on the SSO ARBM (All Road Basemap) using **FLARIS** (Florida All Roadways, Intersections and Streets database). For best results, user should navigate to the "**Layers List**", select "**SSOGis FLARIS**" and at least turn on **one of the available layers** among "FLARIS ARBM Streets", "FLARIS ARBM Routes", "FLARIS Intersections".
    - **FLARIS ARBM Streets and/or Routes** are very useful layers for **Line, Polyline** shapes. Turning on this layer allows the user to focus on one direction of travel, in case of divided roadways (see example below).

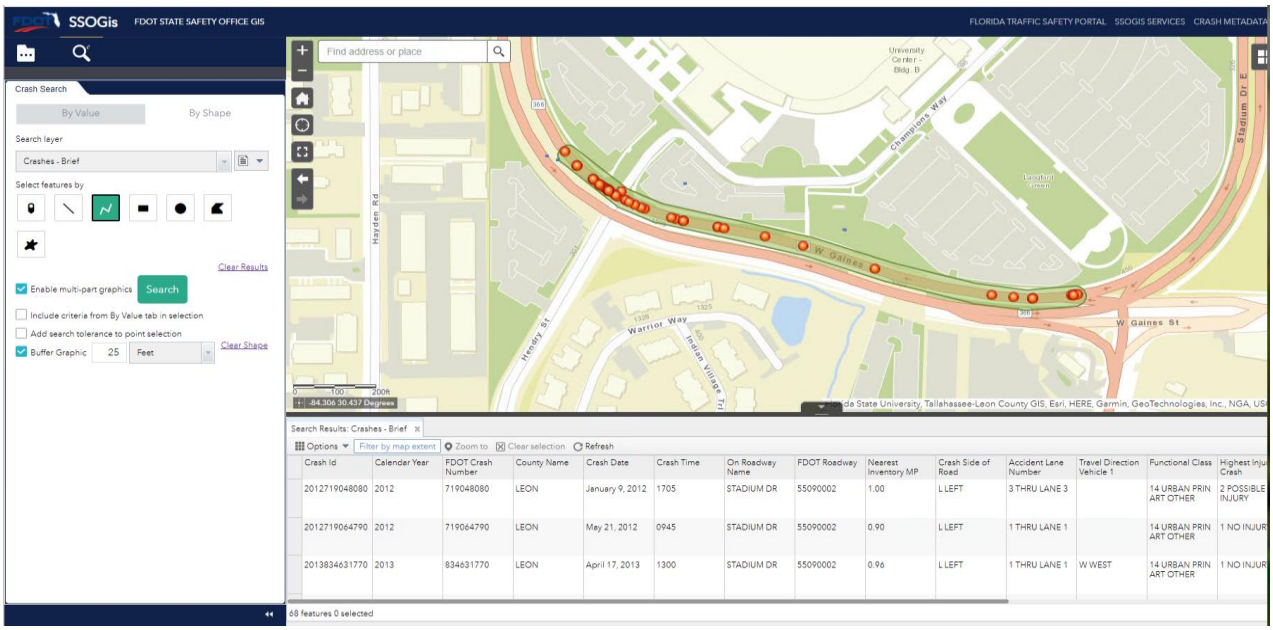


Polyline Feature

To add a "**Polyline**", press down on the mouse to start the line, let go at the end of any partial segment you wish to draw, double click at the end of the line to complete the polyline. Enter a value in the **"Buffer Graphic"** fields and click on "**Search**" to find results in the Result Table and Map.

Notes:

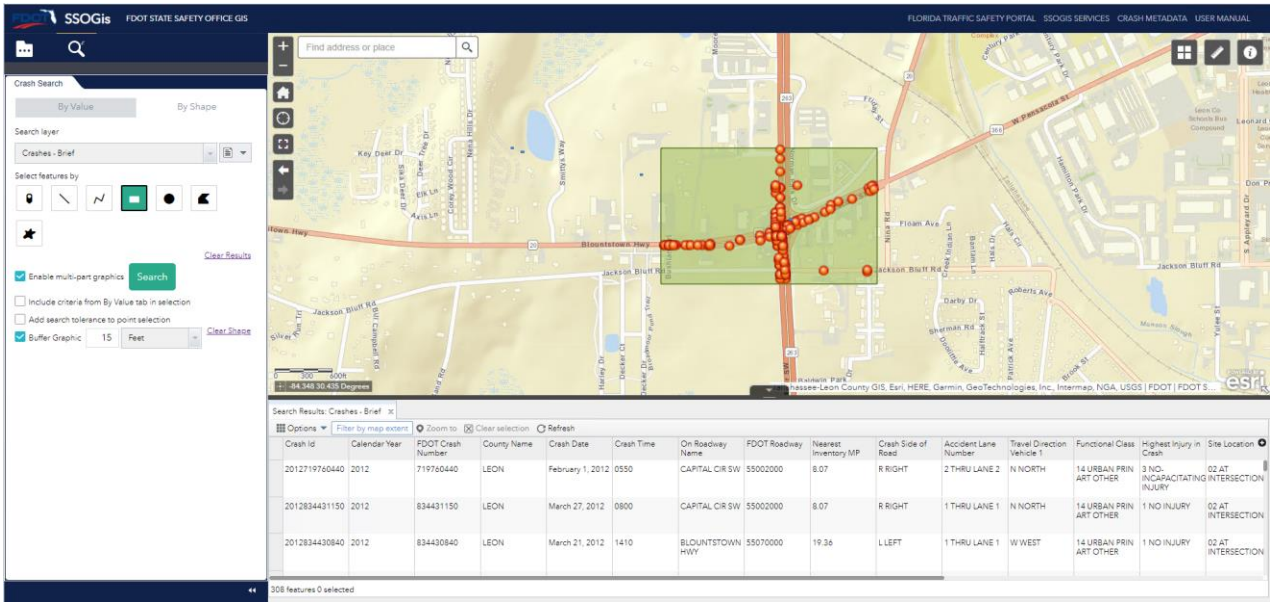
- It is important that the "**Buffer Graphic**" selection is selected to increase probability of results to be found by the query and displayed in the table. Buffer Graphic (15 feet is set to default) adds a spatial buffer equal to the defined value to the chosen shape. It is particularly effective for "**point**", "**line**" and "**polyline"** shapes. User should consider using a buffer from 15 feet for 2 lanes undivided roads up to 100-150 feet buffer for divided roads and more for multiple lanes.
- **Crashes** are **located** on the SSO ARBM (All Road Basemap) using **FLARIS** (Florida All Roadways, Intersections and Streets database). For best results, user should navigate to the "**Layers List**", select "SSOGis FLARIS" and at least turn on **one of the available layers** among "FLARIS ARBM Streets", "FLARIS ARBM Routes", "FLARIS Intersections".
    - **FLARIS ARBM Streets and/or Routes** are very useful layers for **Line, Polyline** shapes (see example shown in previous picture).



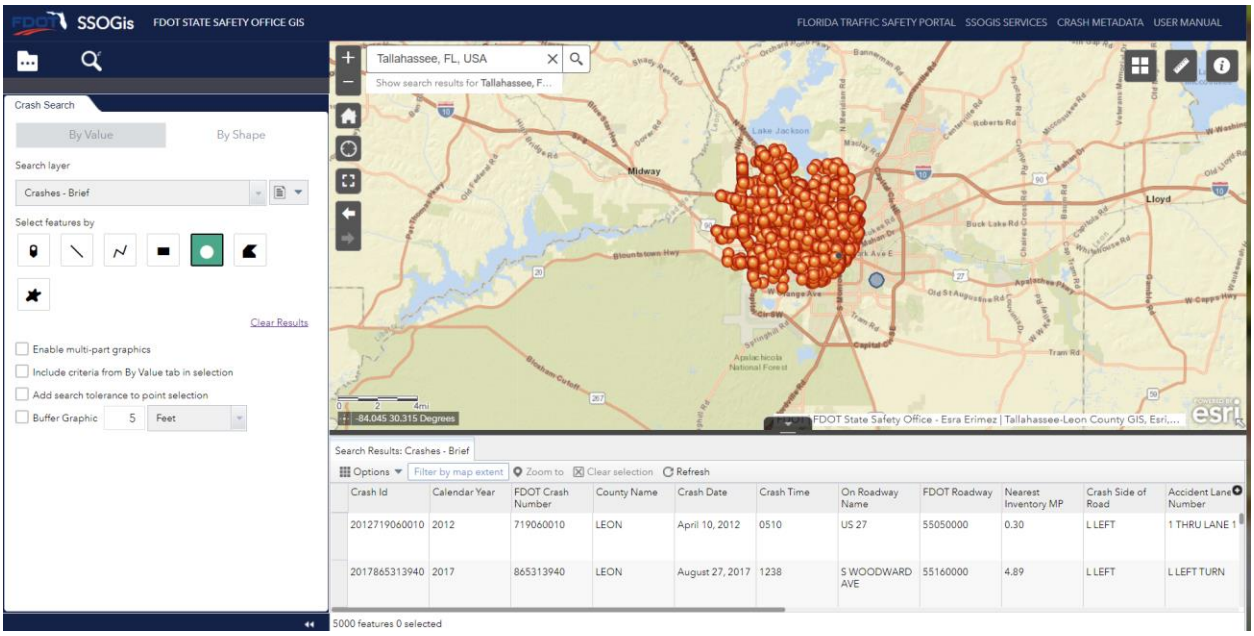
Extent (Rectangle), Circle, Polygon, Freehand Polygon

These are all different types of Polygon feature shapes. Same notes and considerations apply. Results as displayed, are shown below.

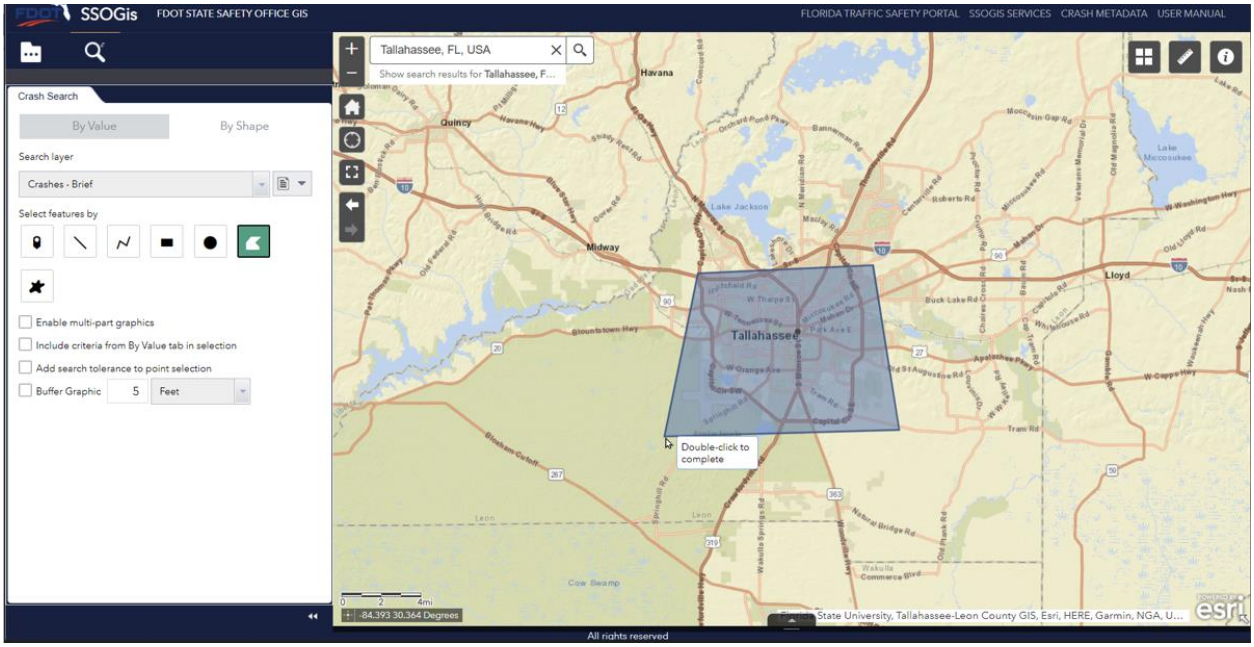
Extent (Rectangle)

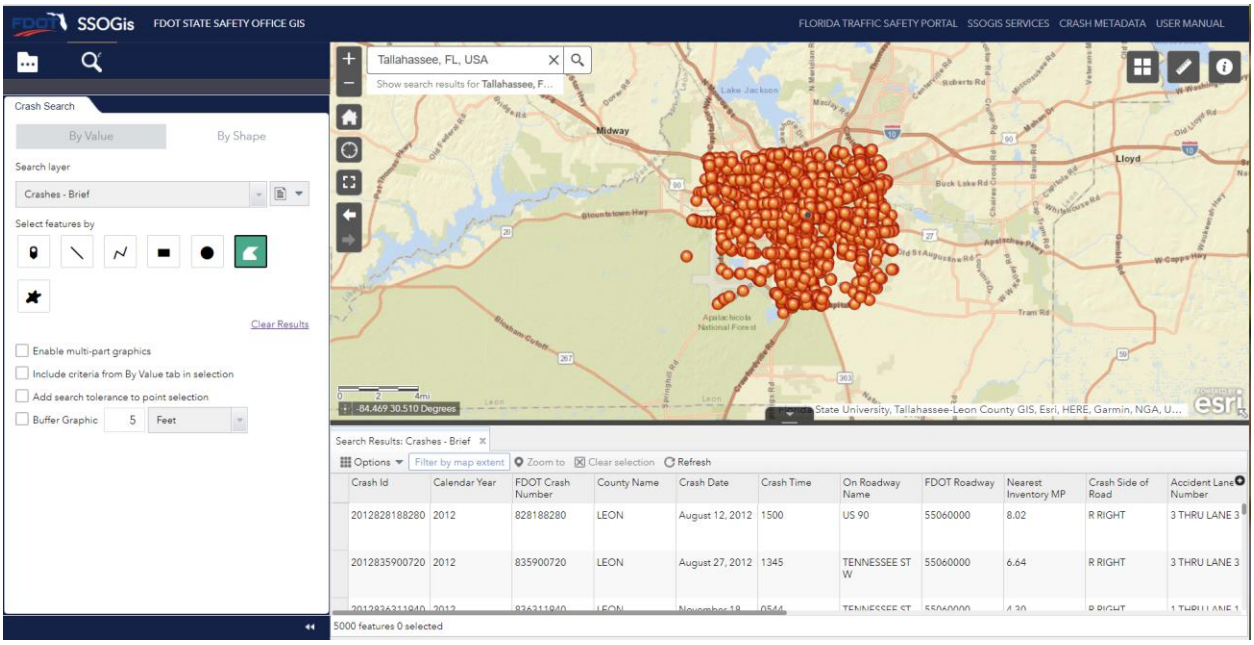


Circle

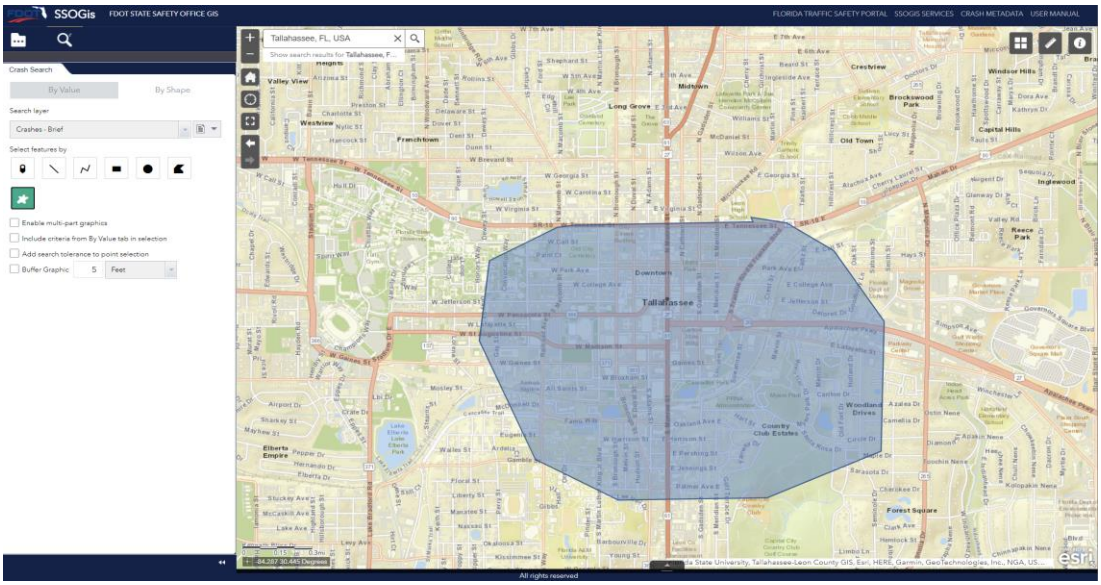


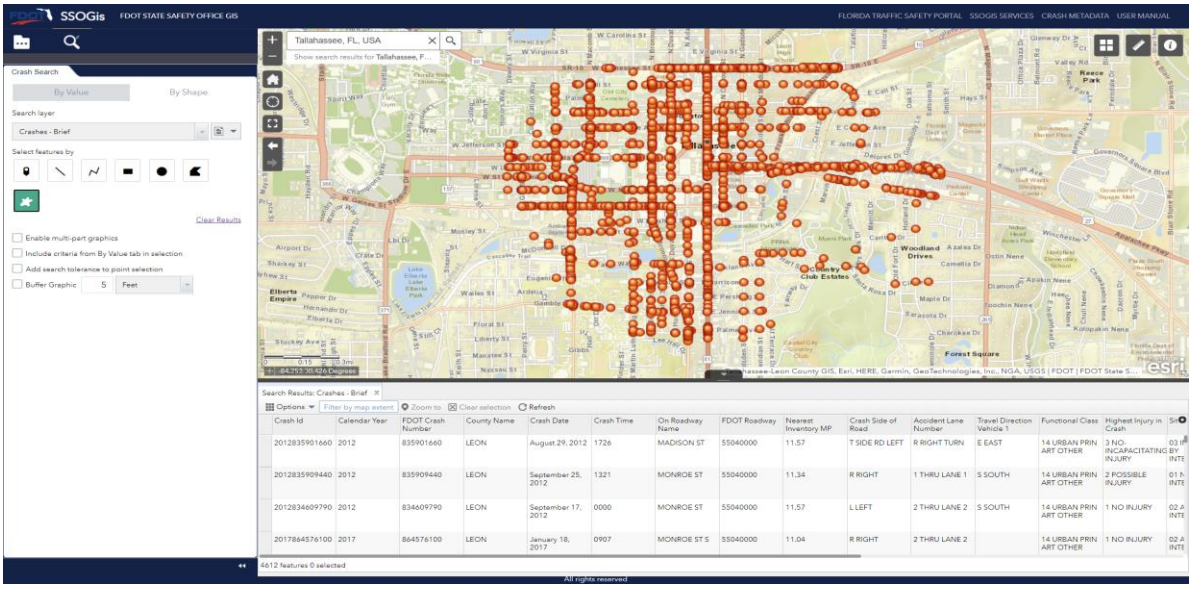
Polygon


SSOGis
FDOT STATE SAFETY OFFICE GIS
FLORIDA TRAFFIC SAFETY PORTAL
SSOGIS SERVICES
CRASH METADATA
USER MANUAL
Crash Search
By Value
By Shape
Search layer
Crashes - Brief
Select features by
Enable multi-part graphics
Include criteria from By Value tab in selection
Add search tolerance to point selection
Buffer Graphic
5
Feet
Tallahassee, FL, USA
Show search results for Tallahassee, F...
Double-click to complete
-84.393 30.364 Degrees
All rights reserved


SSOGis
FDOT STATE SAFETY OFFICE GIS
FLORIDA TRAFFIC SAFETY PORTAL
SSOGIS SERVICES
CRASH METADATA
USER MANUAL
Crash Search
By Value
By Shape
Search layer
Crashes - Brief
Select features by
Clear Results
Enable multi-part graphics
Include criteria from By Value tab in selection
Add search tolerance to point selection
Buffer Graphic
5
Feet
Tallahassee, FL, USA
-84.469 30.510 Degrees
Search Results: Crashes - Brief
Options
Filter by map extent
Zoom to
Clear selection
Refresh
Crash Id
Calendar Year
FDOT Crash Number
County Name
Crash Date
Crash Time
On Roadway Name
FDOT Roadway
Nearest Inventory MP
Crash Side of Road
Accident Lane Number
2012828188280
2012
828188280
LEON
August 12, 2012
1500
US 90
55060000
8.02
R RIGHT
3 THRU LANE 3
2012835900720
2012
835900720
LEON
August 27, 2012
1345
TENNESSEE ST W
55060000
6.64
R RIGHT
3 THRU LANE 3
5000 features 0 selected

Freehand Polygon





While using these different types of features, all the results will be displayed in the Report Table and on the Map.

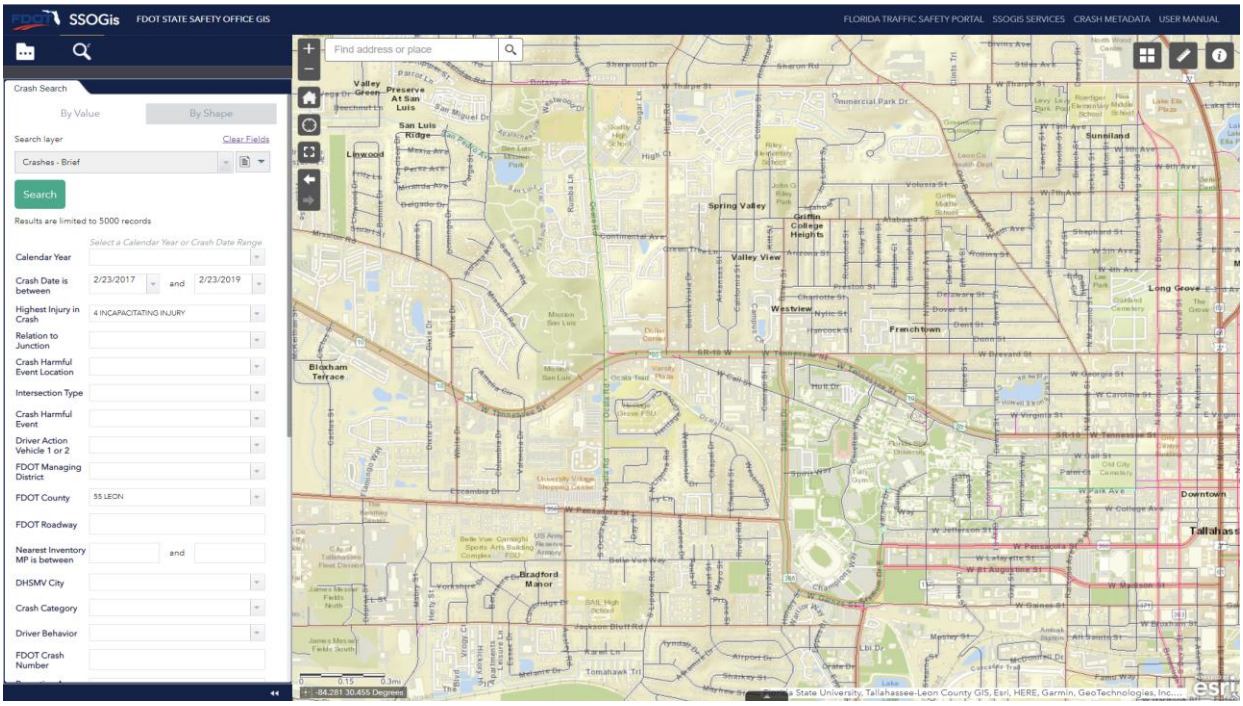
The results **may take time to load based on the search and the number of results present for that search**.

Crash Search – By Shape & By Value (use case example)

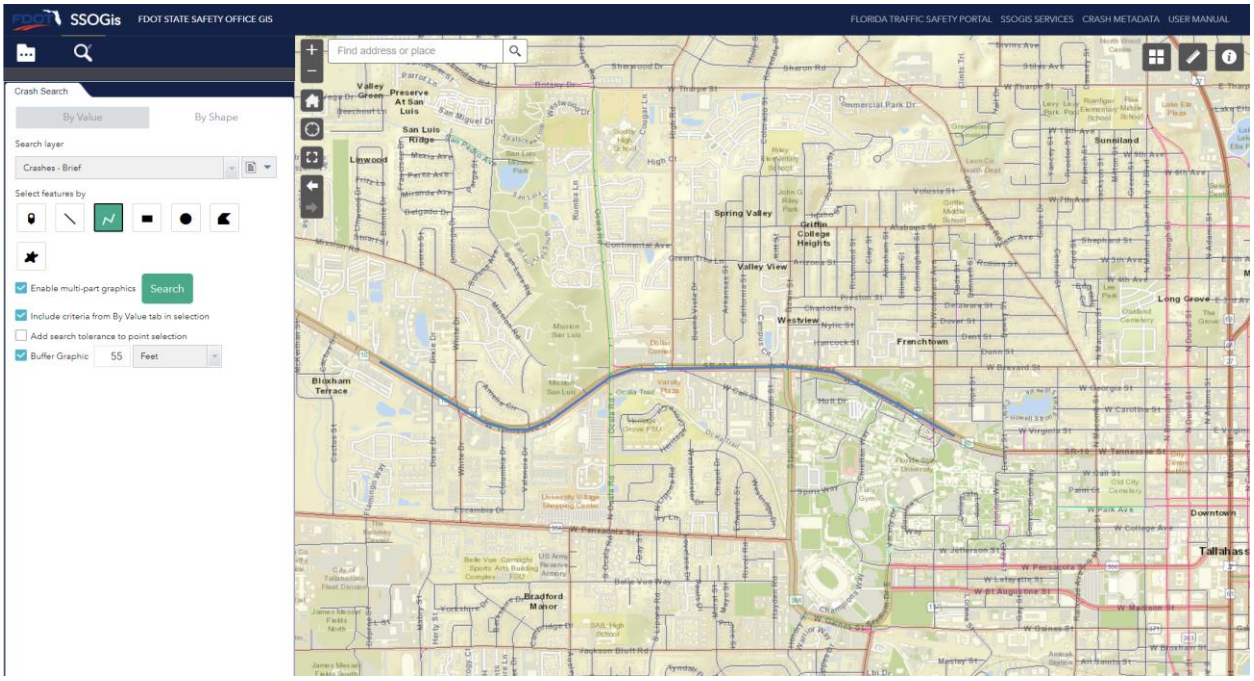
SSOGis Query Tool allows the user to perform queries **“By Shape” and “By Values” at the same time**, using the value attributes entered in the “By Value” tab and apply these attributes values to the Shape drawn in the “By Shape” tab.

To make this happen, the user must:

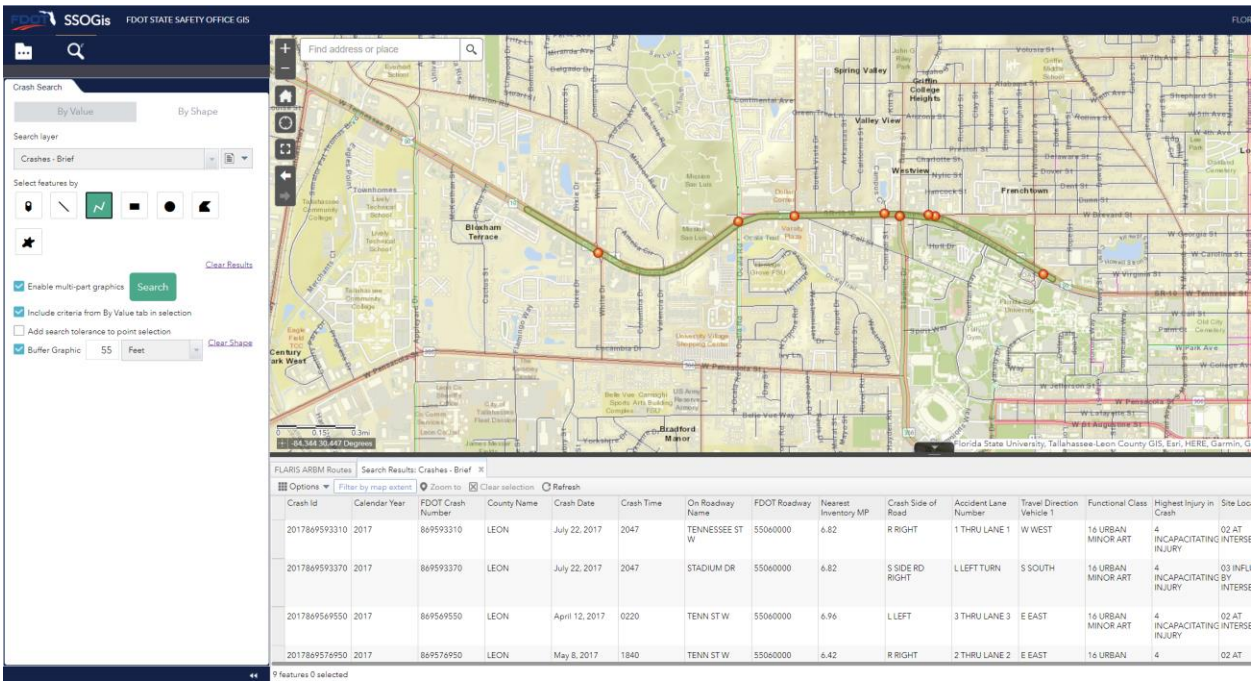
1. Enter query parameter values in the “By Value” filtering criteria.



2. Click on “By Shape” tab.
3. Select **“Include criteria from By Value tab in selection”** checkbox in the “By Shape” tab. This will allow the user to include the attributes entered in the “**By Value**” tab in the current “**by Shape**” query.
4. Choose and drawn the **Shape** and the additional **spatial parameters** to apply.



5. Click on the **Search button in the "By Shape" tab**: SSOGis Query Tool returns the records that satisfy the drawn "Shape" with the attributes equal to the values assigned in the "By Value" query parameters (e.g., crash date between '2/23/2017' and '2/23/2019', highest injury = '4 Incapacitating Injury', FDOT County = '55 Leon').

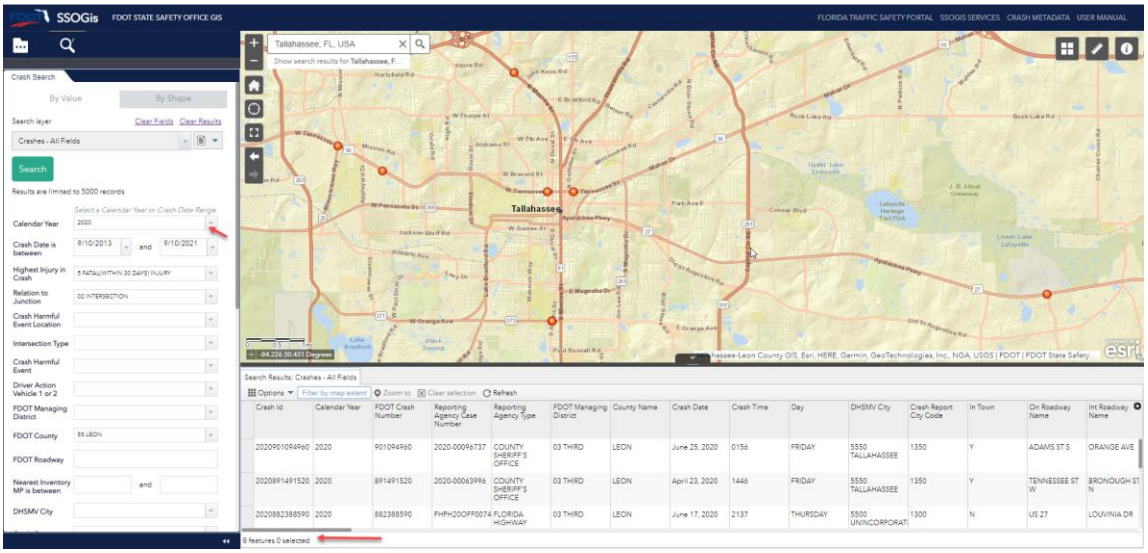


Report Table & Map (use case example)

After a user selects the following query parameters:

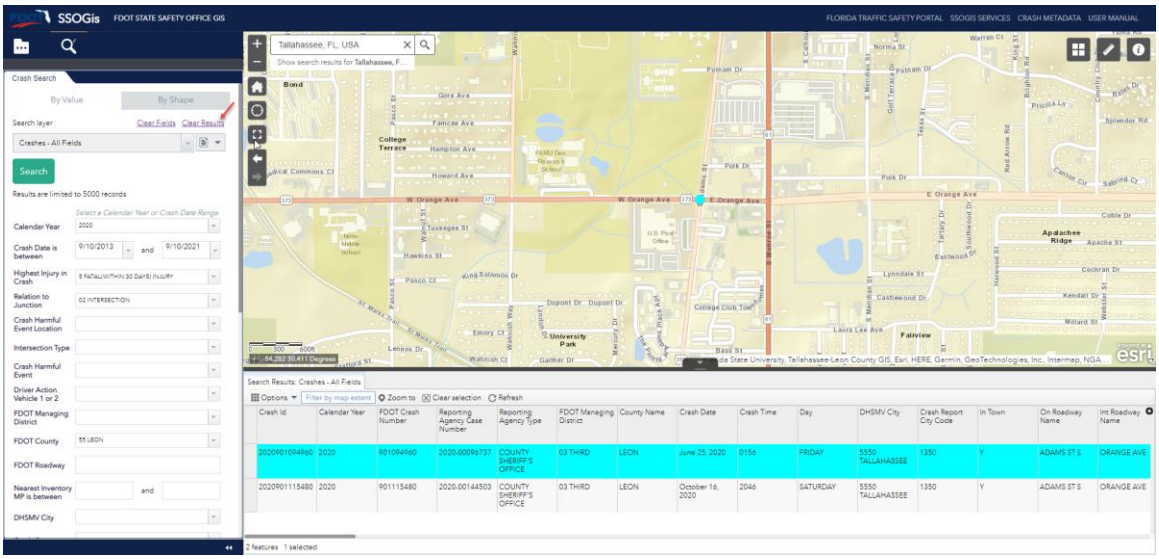
1. Report/Search Layer: Crashes - All fields.
2. Calendar Year: 2020.
3. Highest injury: “5 Fatal ... “
4. Relation to junction: “02 Intersection”
5. FDOT County: “55 LEON”

and clicks on “Search”, SSOGis returns 14 features on the Report Table and on the Map.

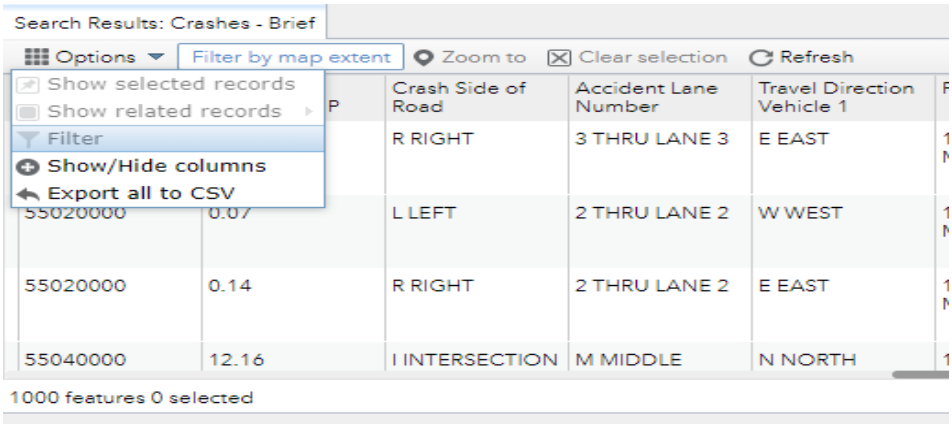


On the top left:

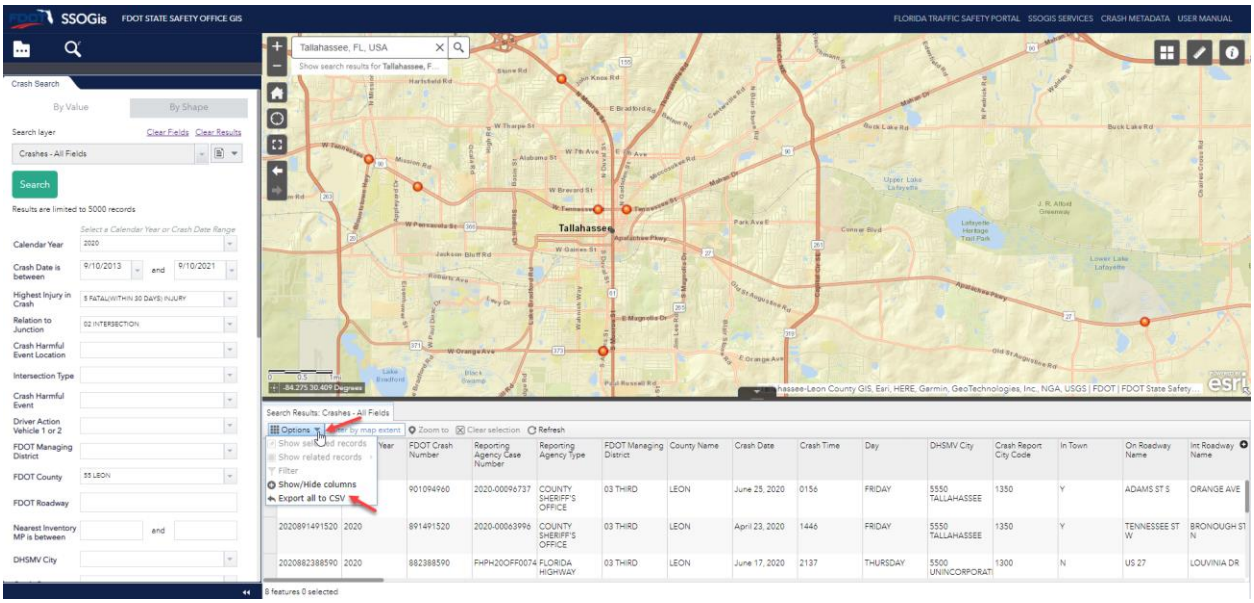
- The “**Clear Fields**” button will clear all the values entered for all the Query Parameters.
- The “**Clear Results**” button will clear the Report Table results.

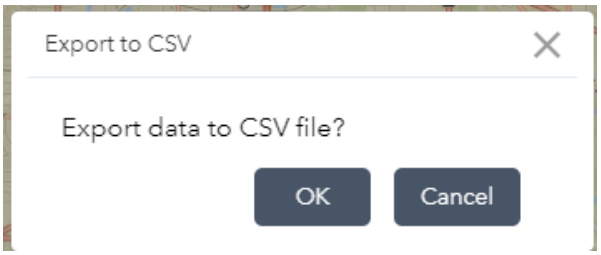


Filter by Map Extent: By default, the Map and the Table are in sync: zooming into the Map will reduce the Crash points displayed and consequently will reduce the number of records displayed in the Table. If the user disables the default "**Filter by Map Extent**", the Report Table will show the records satisfying the query independently from the chosen zoom level.

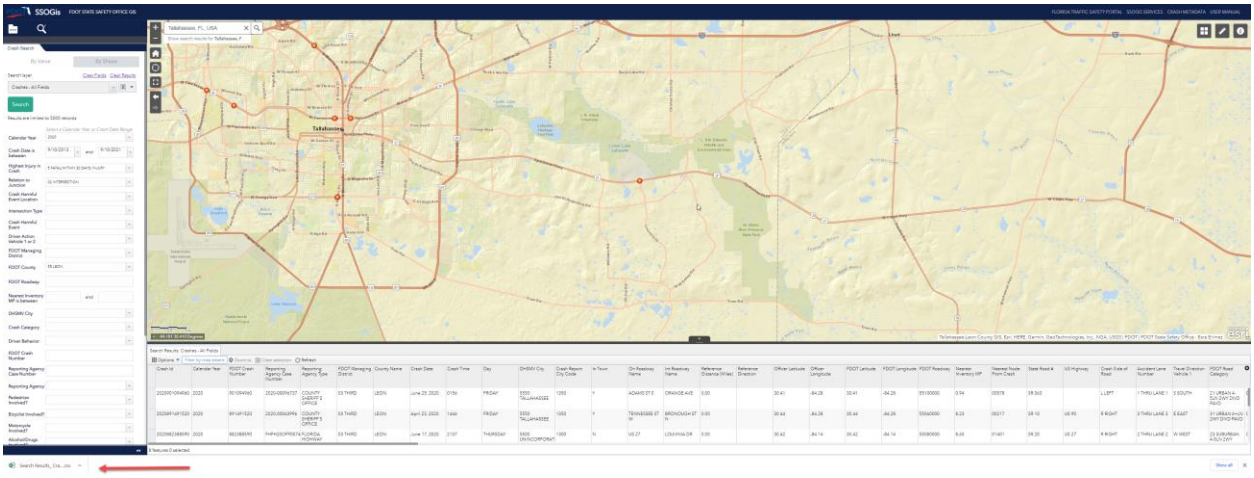


From the "**Options**" tab, the user may choose "**Export all to csv**".

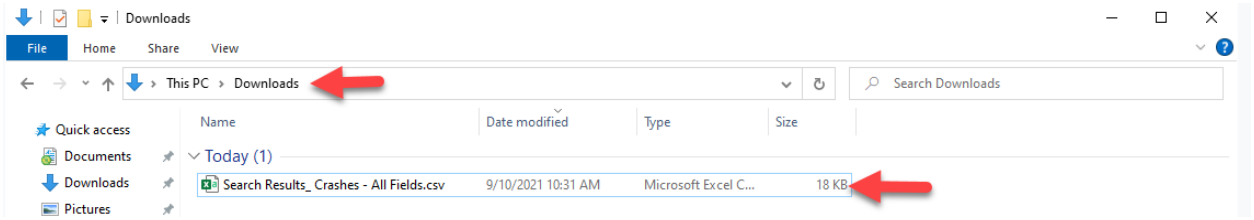




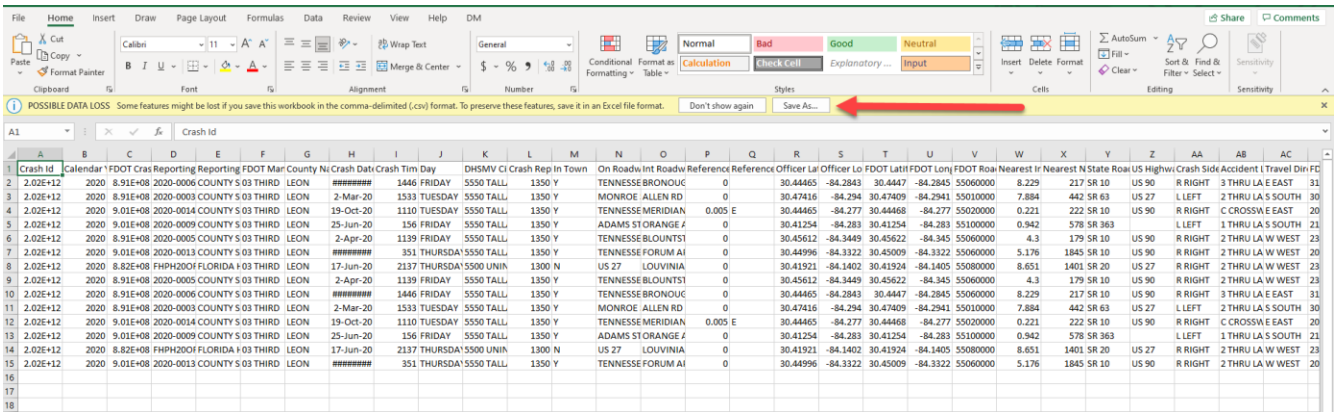
After clicking on “OK” the Results will be exported in a csv file at the bottom left corner. NOTE: make sure you have “pop-up” enabled from this site.



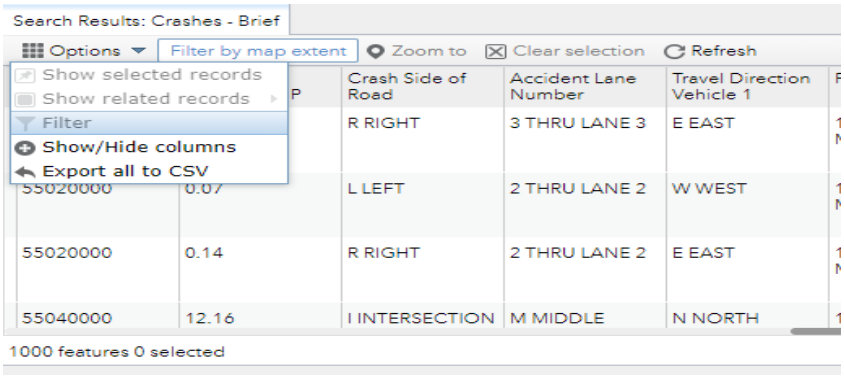
The csv results file is downloaded automatically in the “downloads” folder. If the user wishes to move the file, the user will need to copy and paste from the downloads folder to the desired location.



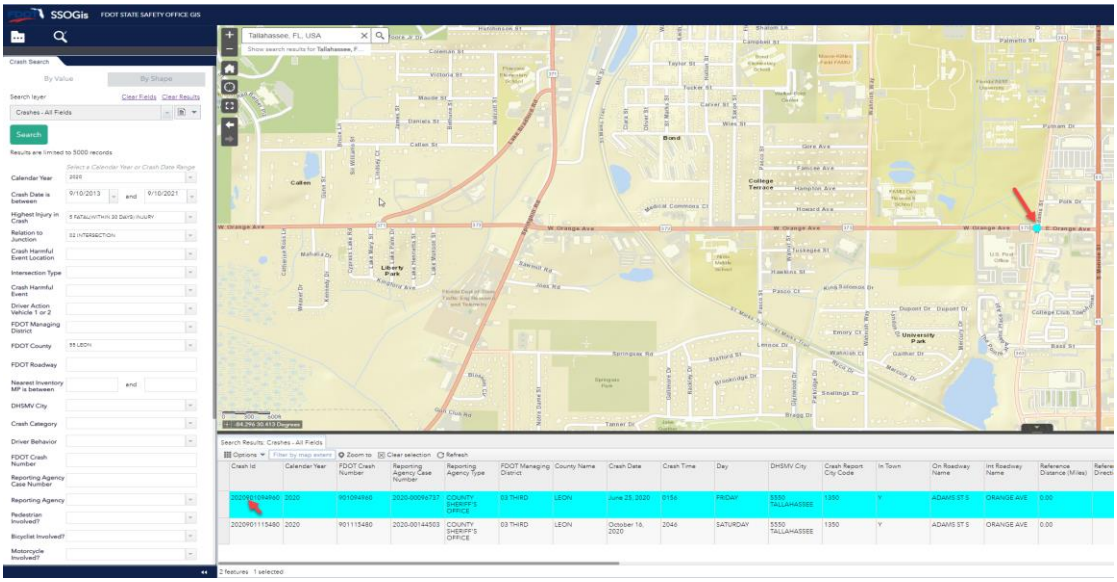
Once the file is opened, the results are displayed. The csv file format defaults to MS-Excel datatype formats for numbers and does not respect the original format used in the database, so the user will need to change the column data type to represent the original data type of numeric columns.
The message “POSSIBLE DATA LOSS ....” is the default MS-Excel message for csv file and do not cause actual data loss.

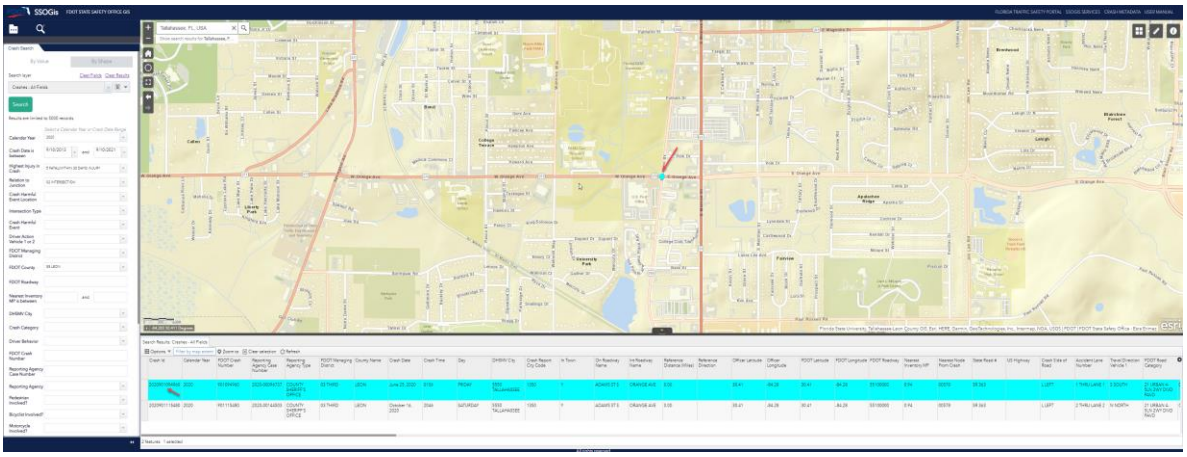


From the "**Options**" tab, the user may choose "**Show/Hide columns**" to show or hide columns within the report table (this choice does not affect the actual export of columns).



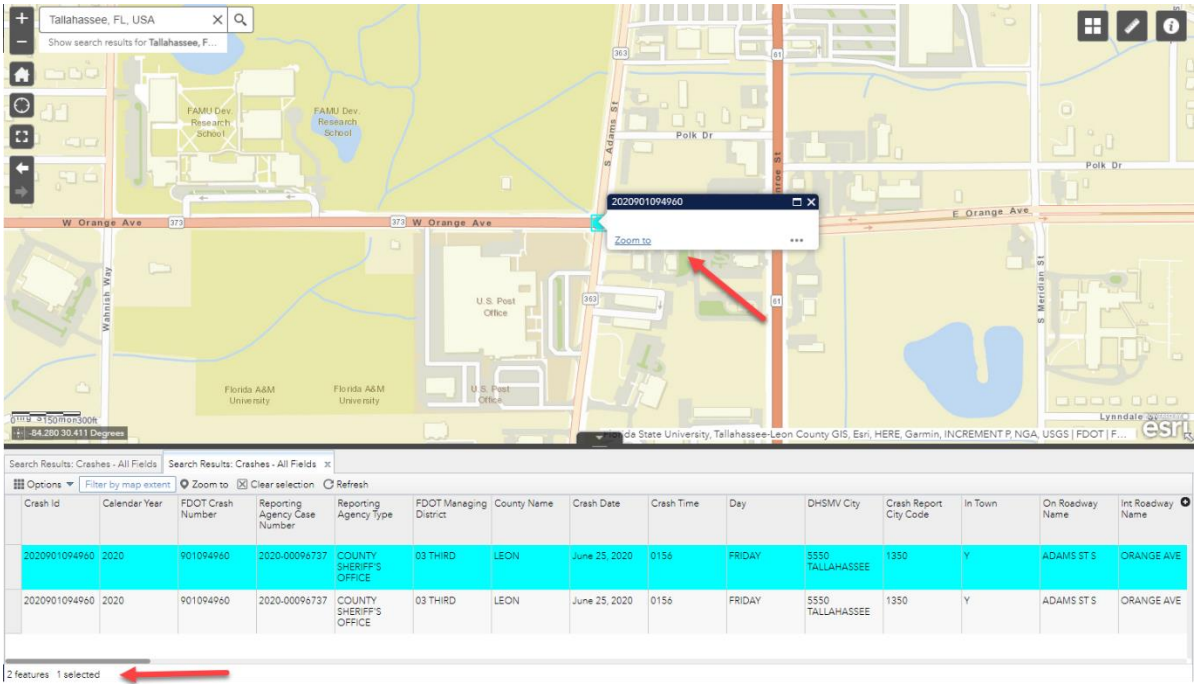
From the "**Report Table**" the user may select a record within the results, while at the same time the correspondent point on the map will be getting highlighted in a light blue color as shown below.



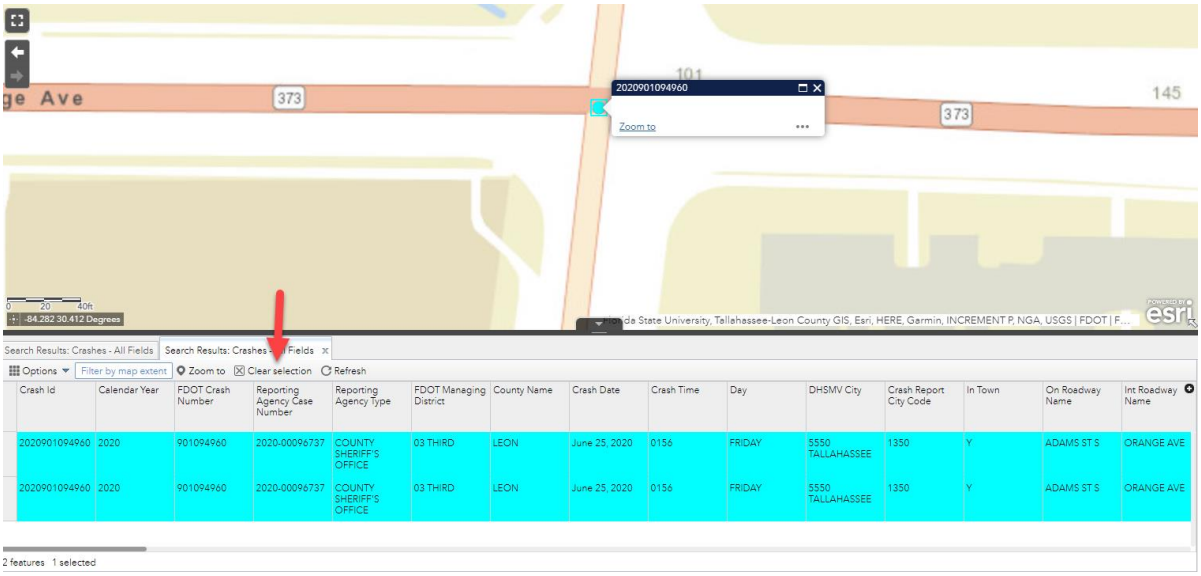


The user can click on "**Zoom to**" so the Map and Report will focus on the heighted record. After clicking on "Zoom To" (see image below):

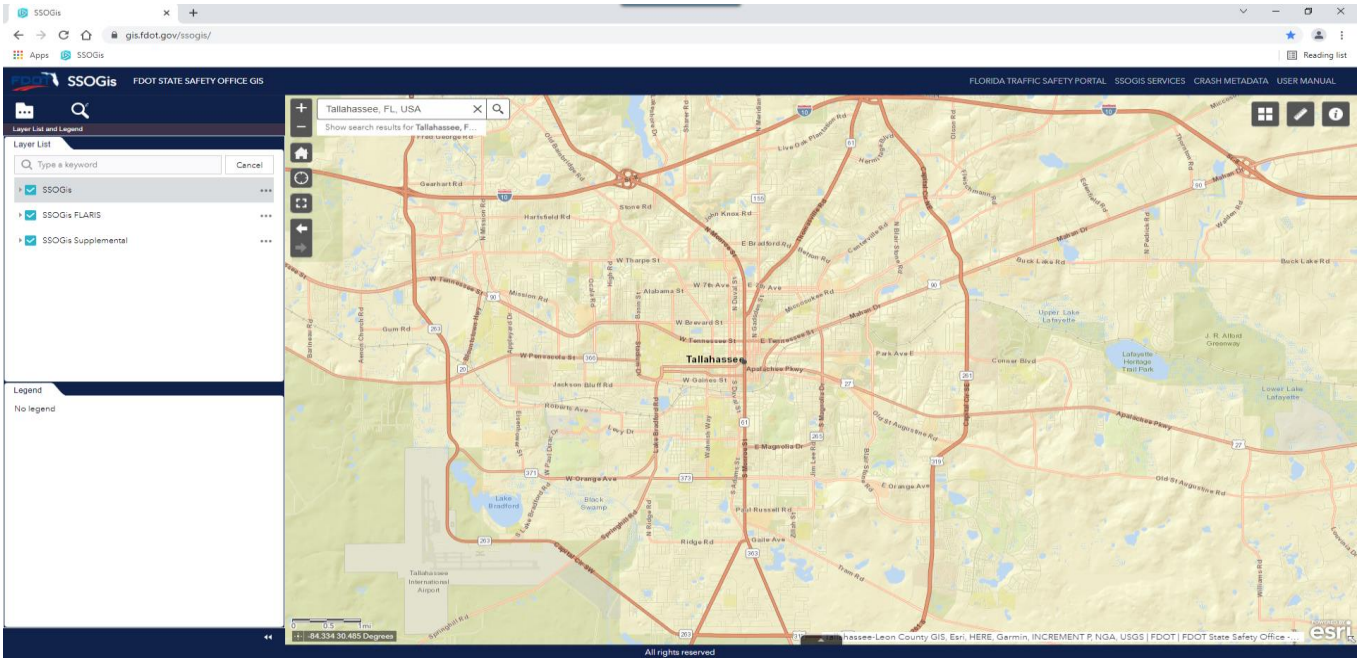
- The identifier clicked on the point will not display any results, it will be blank as it is already selected in attribute table.
- In the example, 2 features are present for the same location, be aware of the results selected.



Both selected features for same location will be selected in light blue color.
"**Clear selection**" will clear the results for the Report Table and the Map (no records and point will be highlighted in blue).


ge Ave
373
101
373
145
2020901094960
Zoom to
-84.282 30.412 Degrees
esri
Search Results: Crashes - All Fields
Search Results: Crashes - Fields
Options
Filter by map extent
Zoom to
Clear selection
Refresh
Crash Id | Calendar Year | FDOT Crash Number | Reporting Agency Case Number | Reporting Agency Type | FDOT Managing District | County Name | Crash Date | Crash Time | Day | DHSMV City | Crash Report City Code | In Town | On Roadway Name | Int Roadway Name
2020901094960 | 2020 | 901094960 | 2020-00096737 | COUNTY SHERIFF'S OFFICE | 03 THIRD | LEON | June 25, 2020 | 0156 | FRIDAY | 5550 TALLAHASSEE | 1350 | Y | ADAMS ST S | ORANGE AVE
2020901094960 | 2020 | 901094960 | 2020-00096737 | COUNTY SHERIFF'S OFFICE | 03 THIRD | LEON | June 25, 2020 | 0156 | FRIDAY | 5550 TALLAHASSEE | 1350 | Y | ADAMS ST S | ORANGE AVE
2 features 1 selected

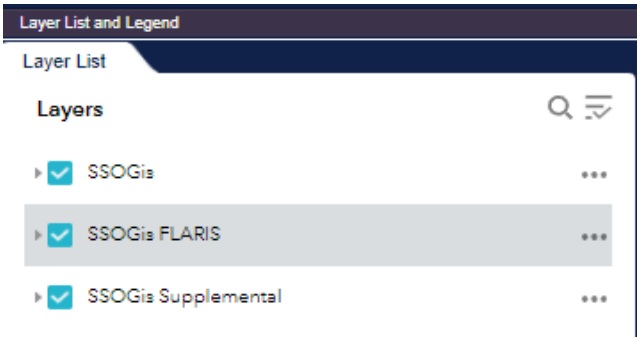
Layer List & Legend



User must select main option boxes for the legend and symbology to be displayed on map, and zoom close enough for the layers to become active, otherwise no layer will be displayed.

Layer list legend contains 3 main categories:

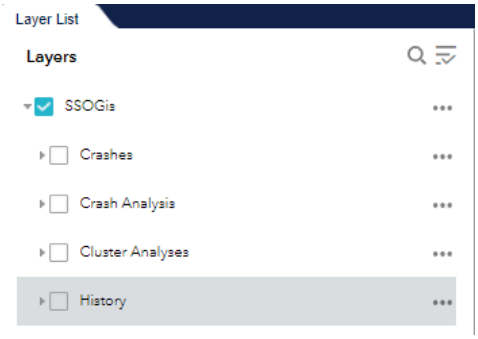
- SSOGis
- SSOGis FLARIS
- SSOGis Supplemental



SSOGis

SSOGis contains latest Crashes data as well as historical Crashes data.

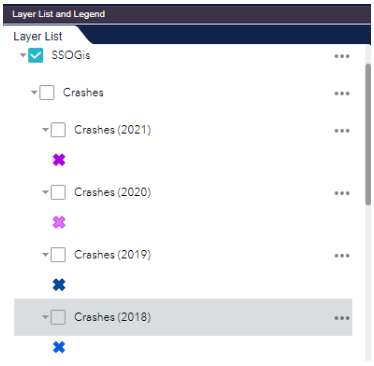
The "**Crashes**" set contains crashes that can be queried from the current year to current year minus ten years, with the option to select crashes for all years (currently 2012 – 2021).

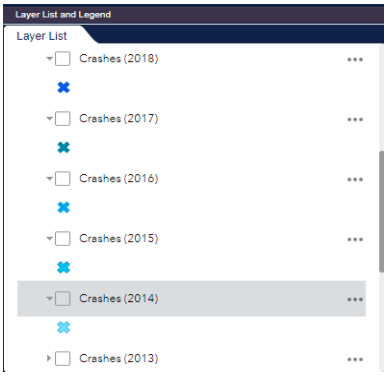


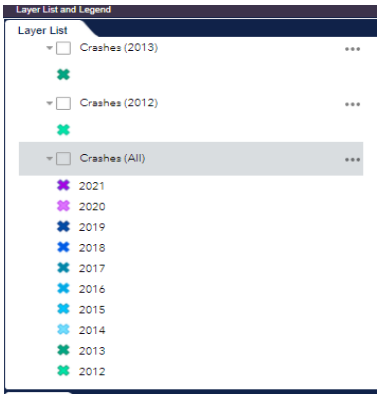
The "**History**" set contains historical crash data with additional 5 years of data that cannot be queried directly.

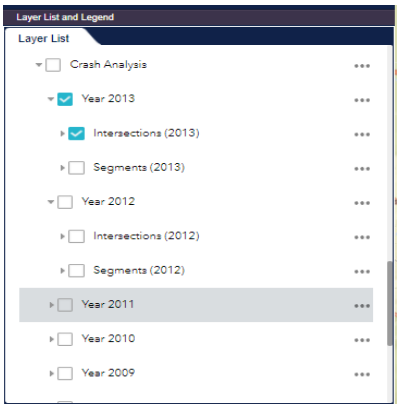
The "**Crash Analysis**" layer set contains dataset from 2013 to 2009, with reference to a 5 years High Crash Analysis performed on Intersections (All, Local and State), High risk rural roads (All), and Segments (Local and State. New Crash Analysis layers will be posted on the site in the future.

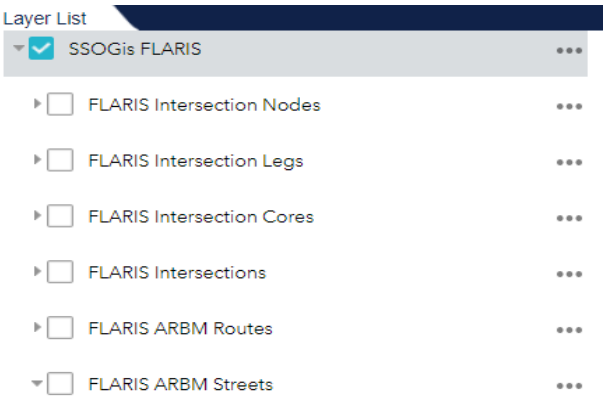
The "**Cluster Analysis**" set contains Cluster Crash Analysis performed on Pedestrians from 2007-2011 and Bicycles from 2009-2013, 2008-2012, 2007-2011.







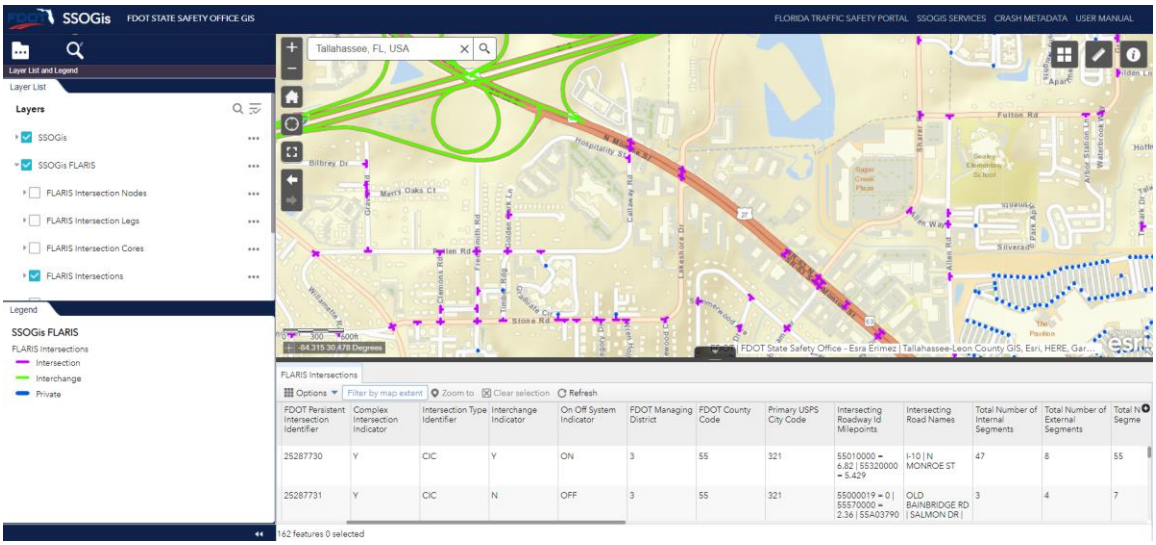




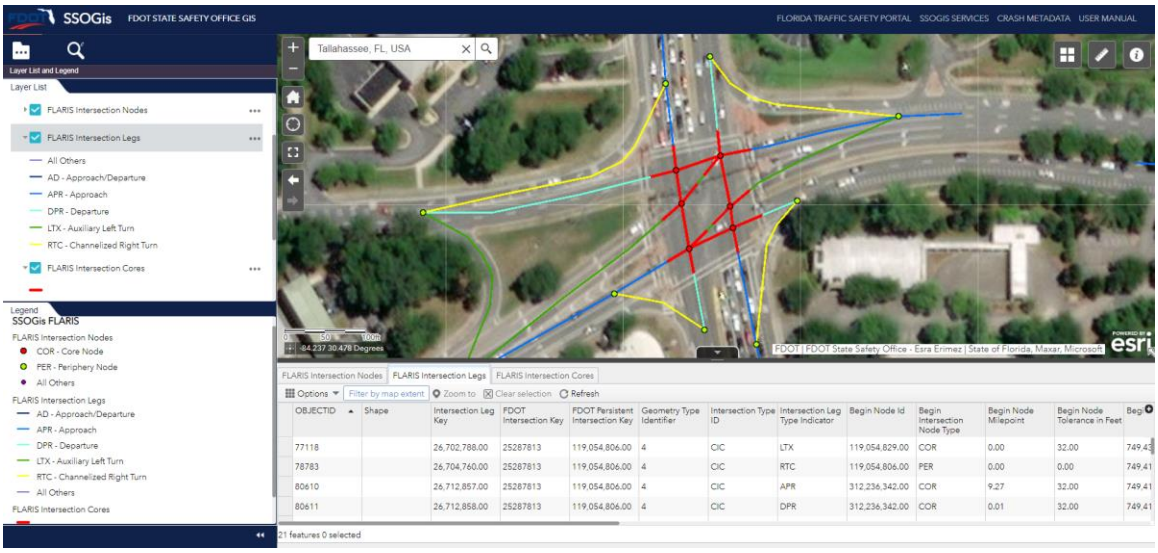
SSOGis FLARIS

SSOGis Query Tool contains the latest **FLARIS** data set (currently 2.1), which allow the user to use the **Florida All Roadways, Intersections and Streets** database. FLARIS exposes the following layers.

The “**FLARIS Intersections**” set contains all the **State, Local and Private Intersections** in Florida, including the **Interchanges**. The layer offers several summary attributes in line with **MIRE** and a complex multiline geometry field that allow each intersection to be displayed on the Map.

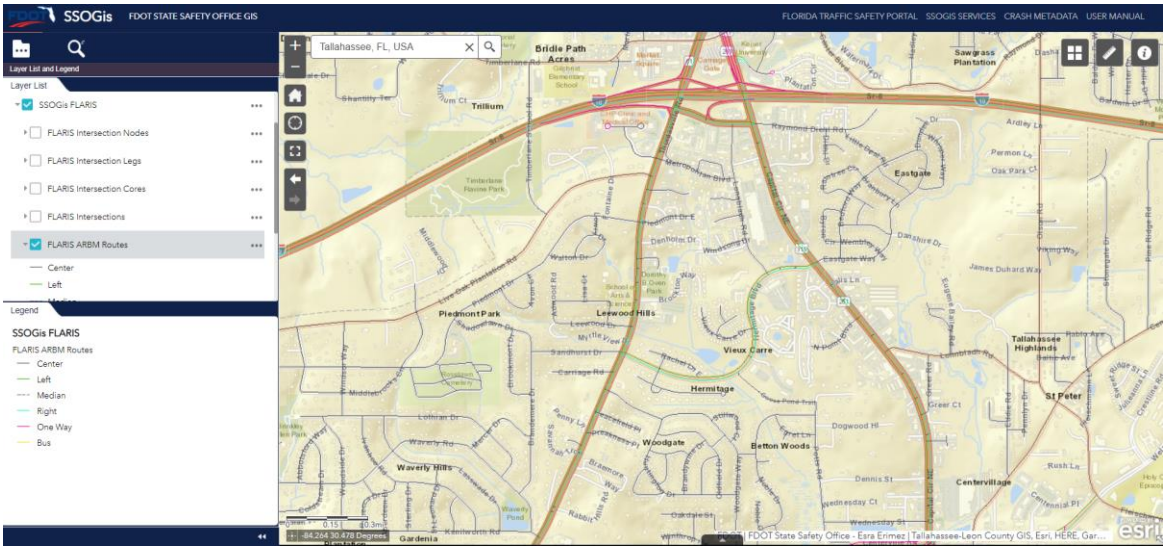


The “**FLARIS Intersection Nodes, Cores and Legs**” 3 sets contain all the Florida **State and Local Intersections** detailed information related to the set of “lines and points” making an Intersections as defined by **MIRE**.

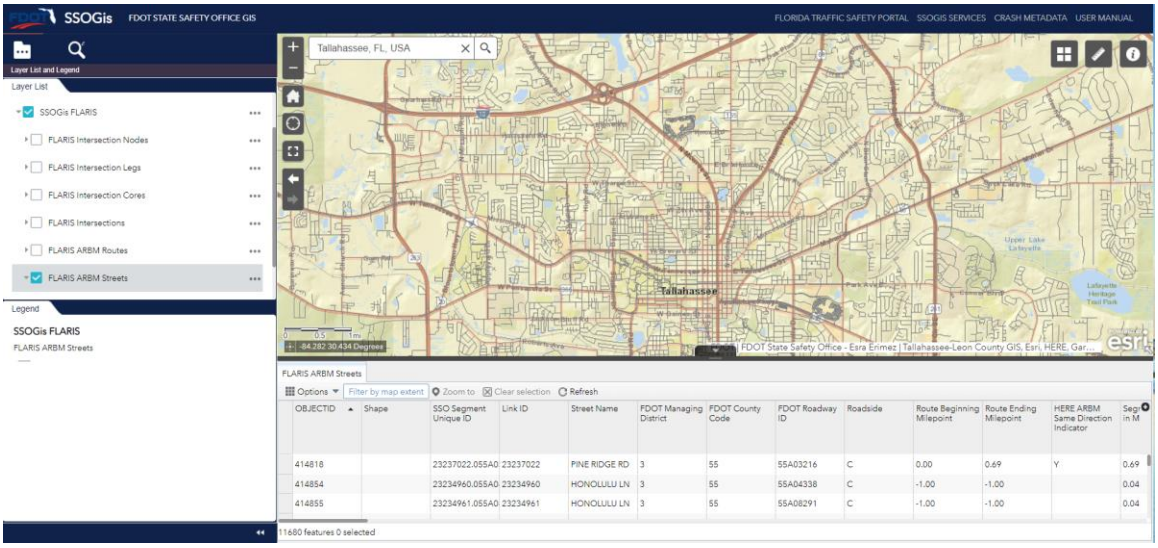


The amount of MIRE attributes (see Report Table) that will be available in the 3 layers will grow over time with the future FLARIS releases. The Cores and Legs segments have a 3-dimensional **Linear Reference System** (LRS) built on each segment.

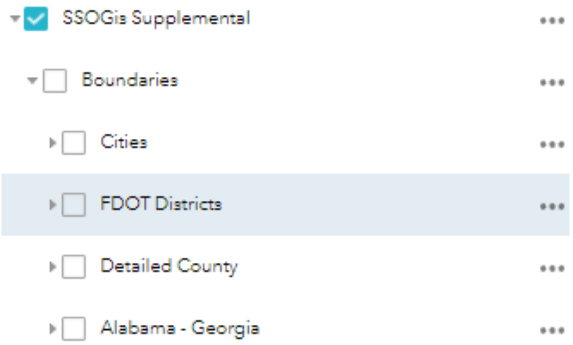
The “**FLARIS ARBM Routes**” set contains all the Florida **State and Local Roadways (Routes)** providing a 3-dimensional **Linear Reference System** (LRS) built on each line.



The “**FLARIS ARBM Streets**” set contains all the Florida **State, Local and Private Street** segments providing a 3-dimensional **Linear Reference System** (LRS) built on each State and Local segment and several roadway characteristics attributes in line with **MIRE**.



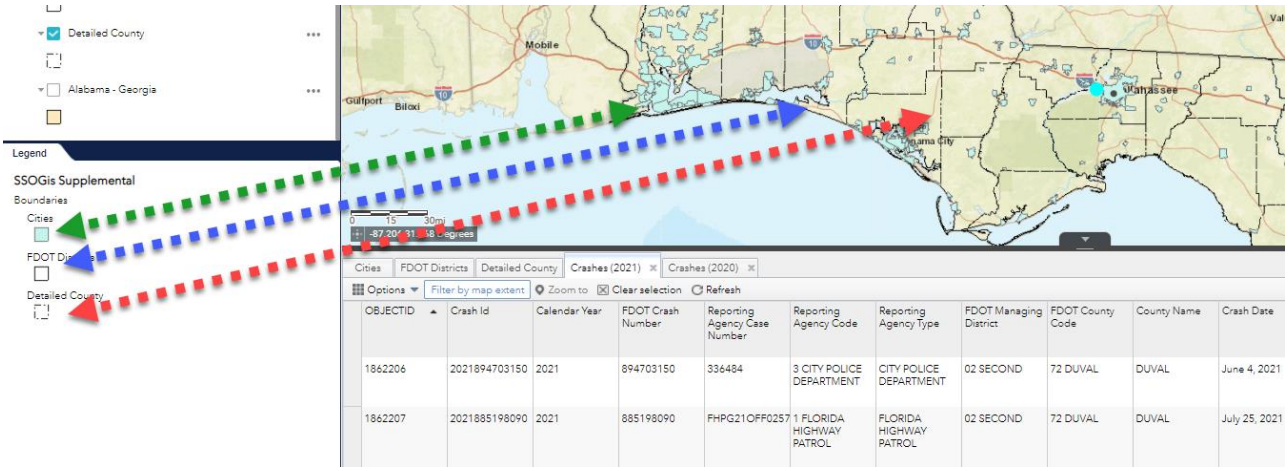
SSOGis Supplemental



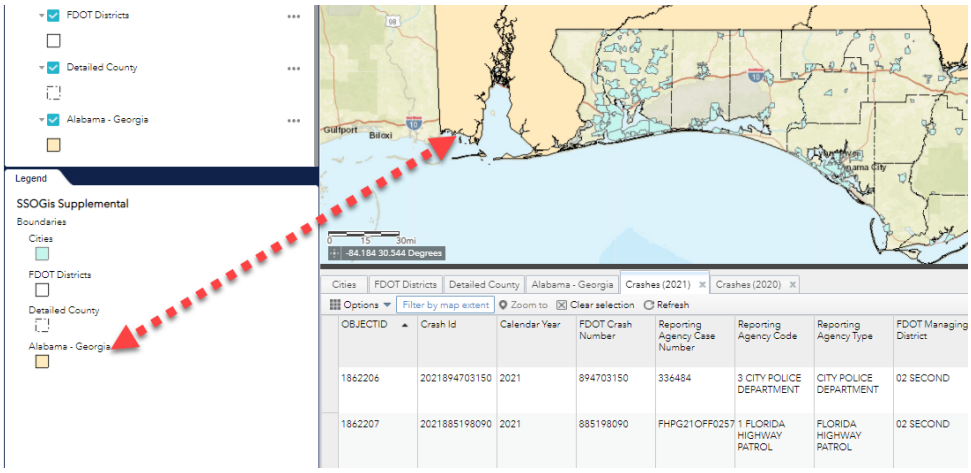
SSOGis Supplemental contains Boundaries layers displaying:

- Cities
- FDOT Districts
- Detailed County
- Alabama-Georgia Boundary.

The Cities layer is a polygon in Aqua color.
The FDOT Districts layer is a solid black outline.
The Detailed County layer is a segmented black line.

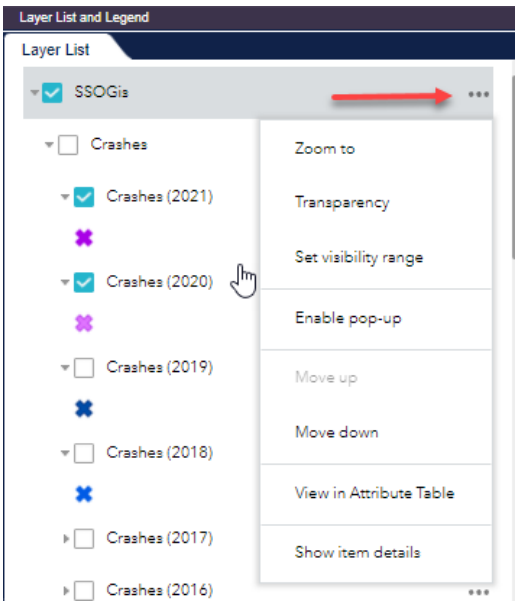


The Alabama-Georgia Boundary is highlighted in an orange polygon.

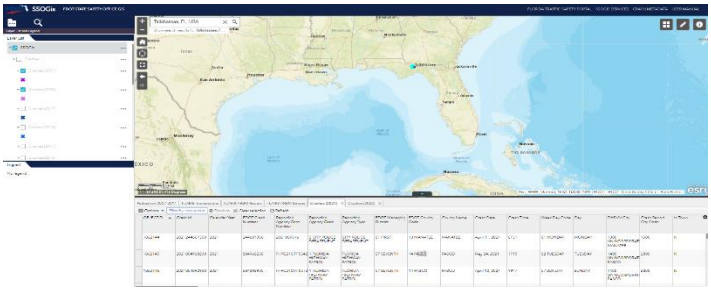


Layer List Functions

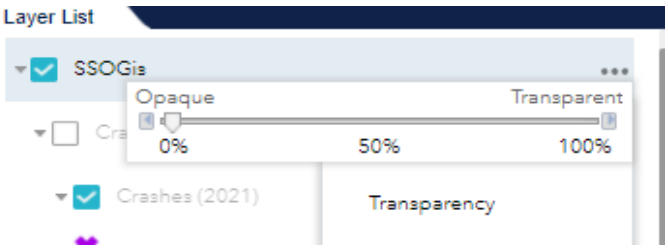
Any Layer List **has three dots on the left side** which allow the user a variety of options. Not all the options are always all present since their availability varies according to the type of layer.



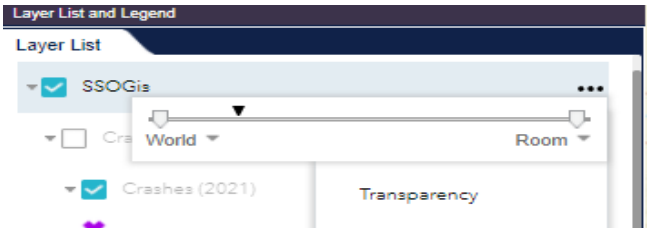
1) **Zoom to**: Zooms out to the location of the results



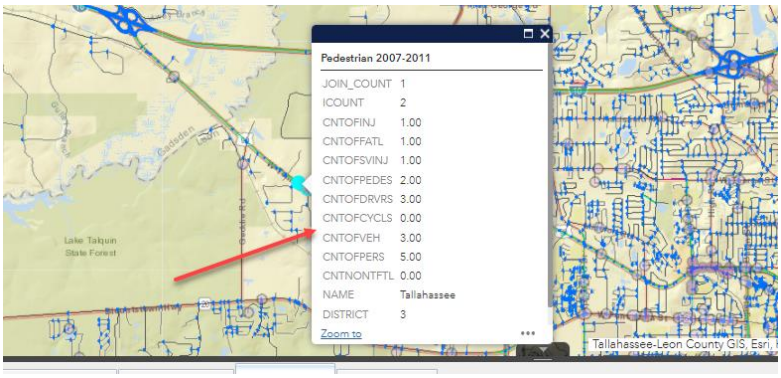
2) **Transparency**



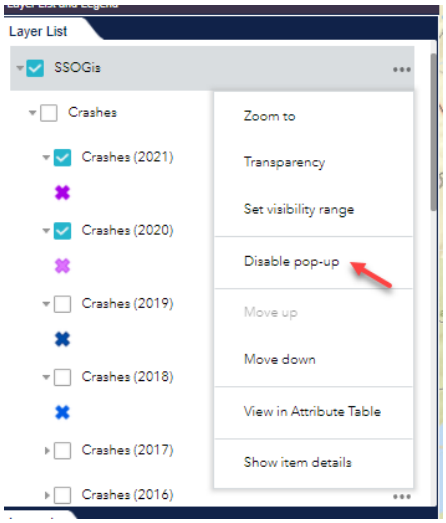
3) Set **Visibility** Range:



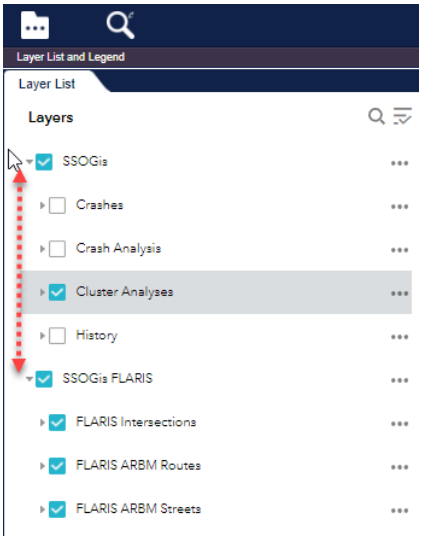
4) **Enable Pop-up**: Pop up will allow the user to click on the map and the results to be displayed in a pop up. This is a very useful option to perform a quick **identifier** on any feature class of the layer represented on the map.



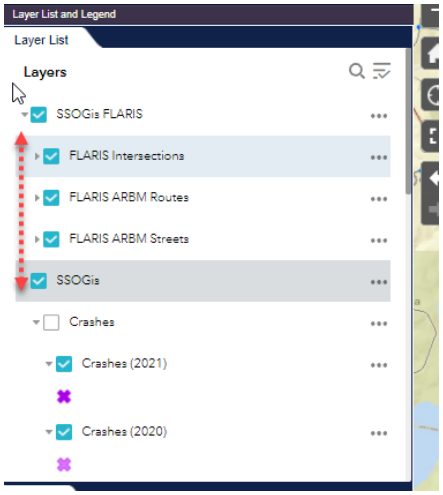
5) **Disable Pop-up**: Option will be available to turn off if pop-up is enabled.



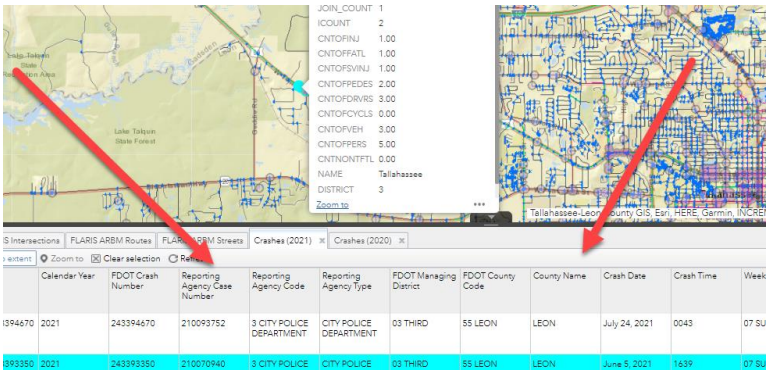
6) **Move up**: option to move the selection up. Changing the order of the layers is not permanent but only temporary within the opened session.
The default order of the layers has been chosen by SSO to show all the different feature classes. Changing the order of the layers may change the visibility of some layers due to an overlap.



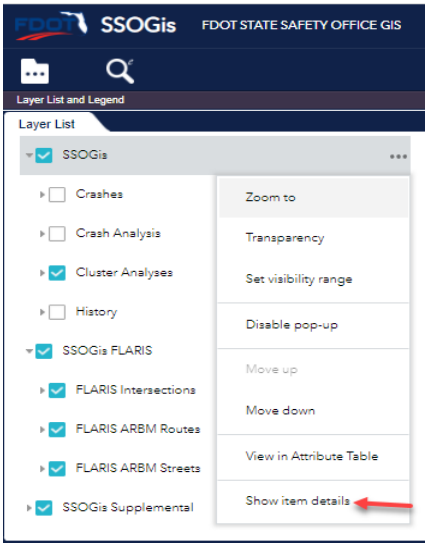
7) **Move down**: option to move down the selection.
Changing the order of the layers is not permanent but only temporary within the opened session.
The default order of the layers has been chosen by SSO to show all the different feature classes. Changing the order of the layers may change the visibility of some layers due to an overlap.

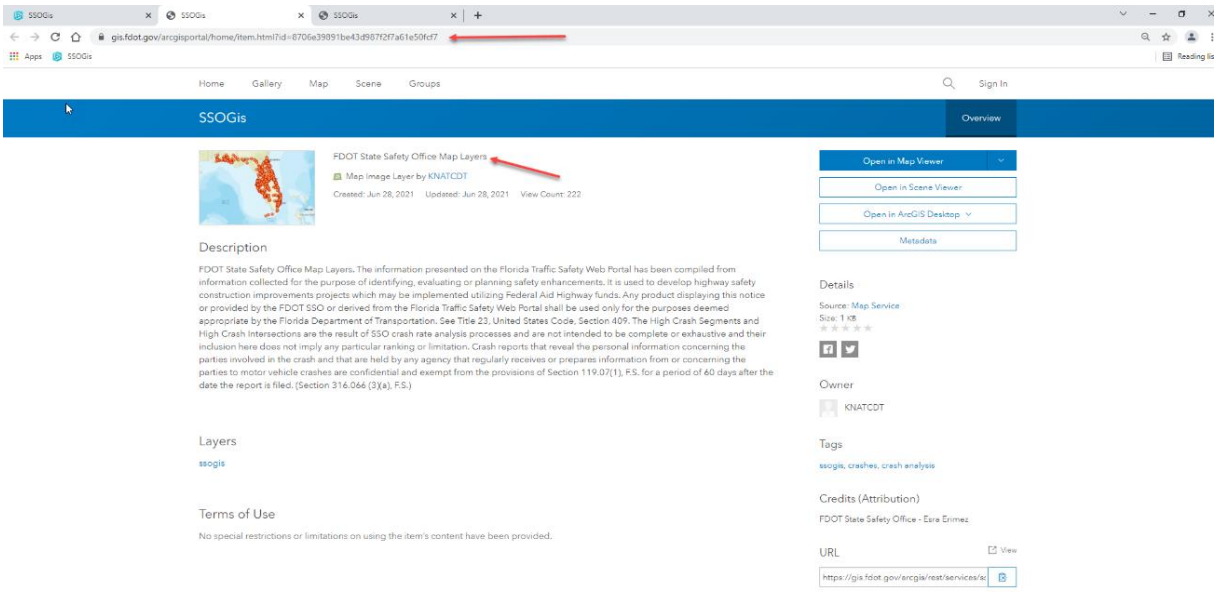


8) **View in Attribute table**: To be able to view the results in the attribute table.



9) **Show items detail**: Will navigate to a new page where the Arcgis map layers are located.

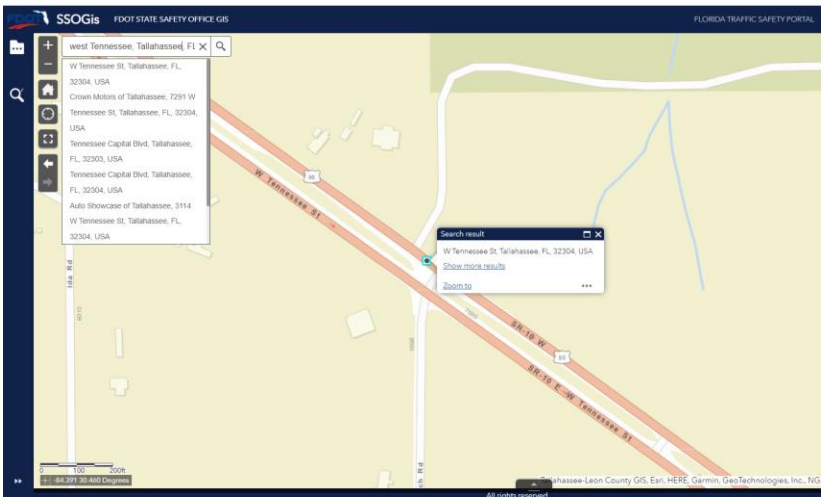




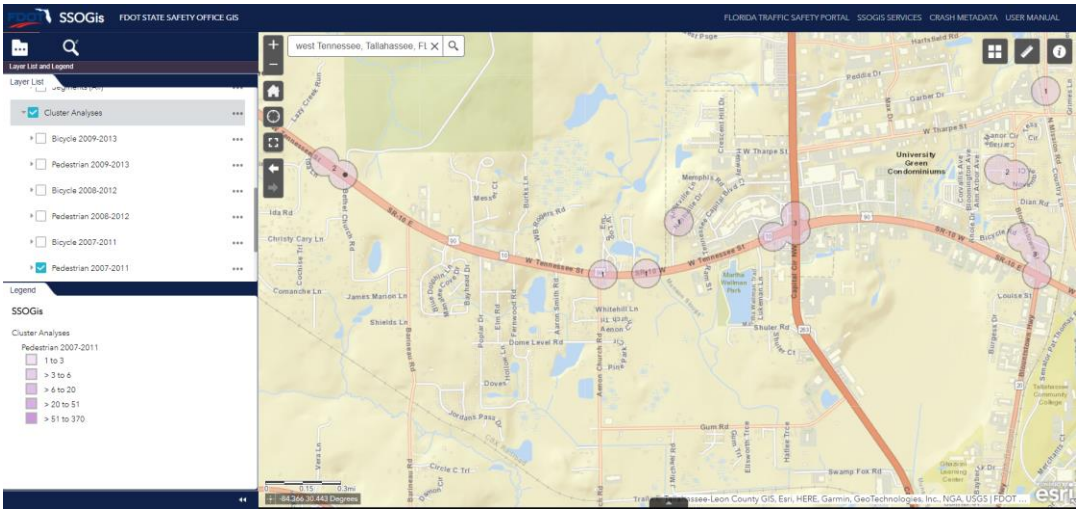
Layer List & Legend (use case example)

A user would like to see the results of Cluster analysis for Pedestrian from 2007-2011 for the City of Tallahassee for West Tennessee St.

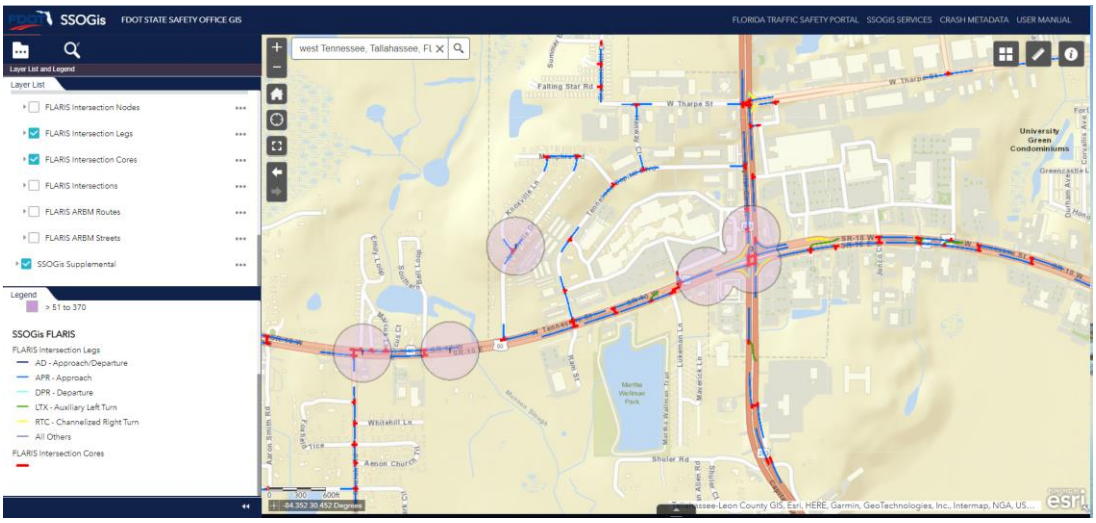
- **Focus** the map on the aera of interest and **zoom** in to make sure the layers are selectable.



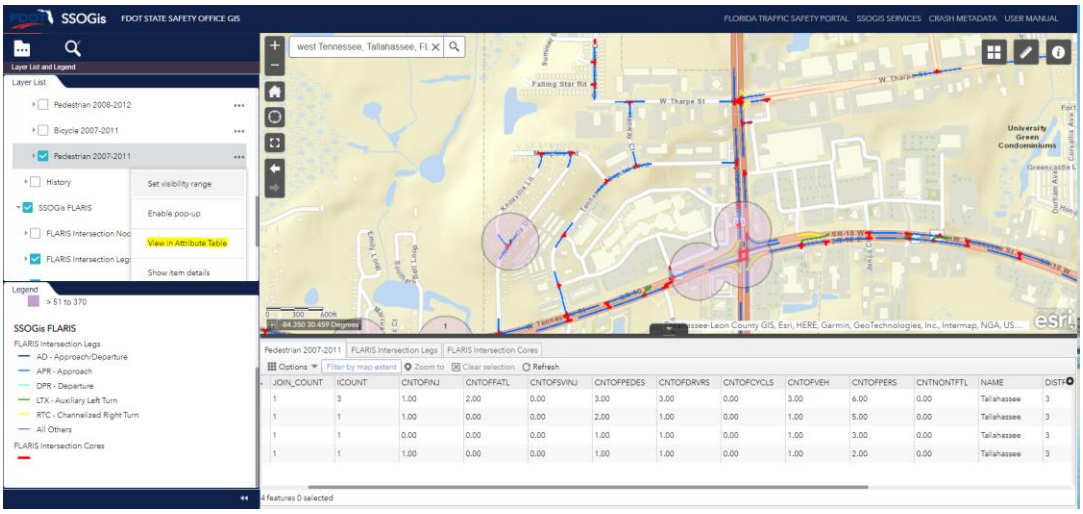
- **Select the Layer of Interest** (e.g. Cluster Analysis option Pedestrian's accidents that occurred within year 2007-2011). The map displays the cluster circles and the related legend with the color combination showing how many pedestrians accidents have been recorded. **Note**: make sure both check boxes of the main category as well as of the detailed layer are chosen, otherwise the layer will not be displayed.



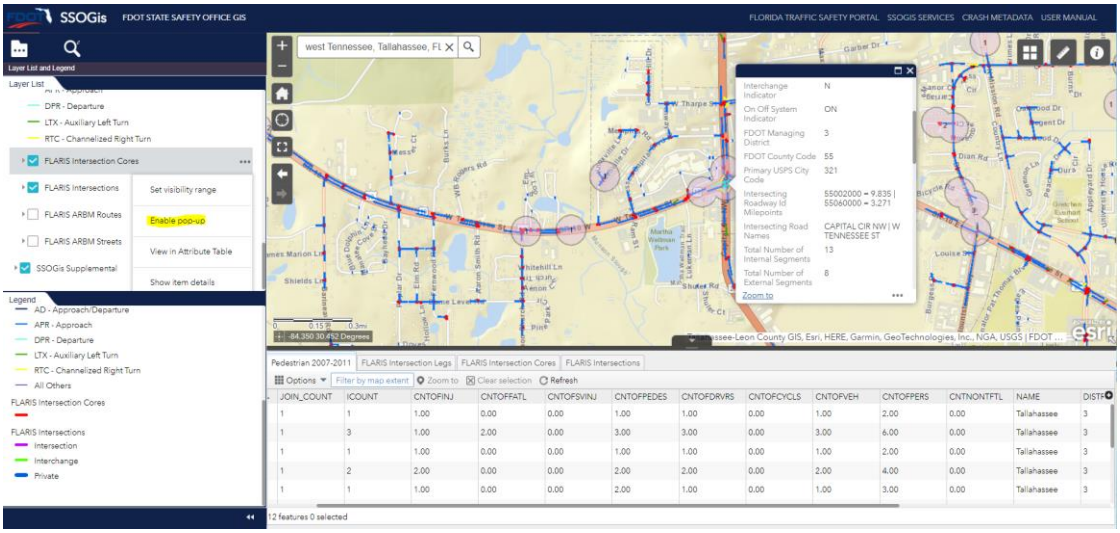
- Turn on **additional Layer of Interest** (e.g. FLARIS Intersections, Cores and Legs to identify the Intersections within the area). The map displays the requested Intersection feature classes and the related legend with the color combination showing the different Leg types.



- **Turn on the "View in Attribute Table**" option: all the selected layers display additional information in the Report Table



- **Turn on the "Enable pop-up**" option on the layer of interest (e.g. Intersection): after clicking on the Map on the specific feature class object of the layer with the pop-up enabled, the application displays the additional information for that object.


SSOGis
FDOT STATE SAFETY OFFICE GIS
FLORIDA TRAFFIC SAFETY PORTAL
SSOGIS SERVICES
CRASH METADATA
USER MANUAL
Layer List and Legend
Layer List
DPR - Departure
LTX - Auxiliary Left Turn
RTC - Channelized Right Turn
FLARIS Intersection Cores
FLARIS Intersections
FLARIS ARBM Routes
FLARIS ARBM Streets
SSOGis Supplemental
Set visibility range
Enable pop-up
View in Attribute Table
Show item details
Legend
AD - Approach/Departure
APR - Approach
DPR - Departure
LTX - Auxiliary Left Turn
RTC - Channelized Right Turn
All Others
FLARIS Intersection Cores
FLARIS Intersections
Intersection
Interchange
Private
west Tennessee, Tallahassee, FL
Interchange Indicator N
On Off System Indicator ON
FDOT Managing District 3
FDOT County Code 55
Primary USPS City Code 321
Intersecting Roadway Id Milepoints 55002000 = 9.835 | 55060000 = 3.271
Intersecting Road Names CAPITAL CIR NW | W TENNESSEE ST
Total Number of Internal Segments 13
Total Number of External Segments 8
Zoom to
Pedestrian 2007-2011
FLARIS Intersection Legs
FLARIS Intersection Cores
FLARIS Intersections
Options
Filter by map extent
Zoom to
Clear selection
Refresh
JOIN_COUNT ICOUNT CNTOFINJ CNTOFFATL CNTOFSVINJ CNTOFPEDES CNTOFDRVRS CNTOFCYCLS CNTOFVEH CNTOFPERS CNTNONTFTL NAME DIST
1 1 1.00 0.00 0.00 1.00 1.00 0.00 1.00 2.00 0.00 Tallahassee 3
1 3 1.00 2.00 0.00 3.00 3.00 0.00 3.00 6.00 0.00 Tallahassee 3
1 1 1.00 0.00 0.00 1.00 1.00 0.00 1.00 2.00 0.00 Tallahassee 3
1 2 2.00 0.00 0.00 2.00 2.00 0.00 2.00 4.00 0.00 Tallahassee 3
1 1 1.00 0.00 0.00 2.00 1.00 0.00 1.00 3.00 0.00 Tallahassee 3
12 features 0 selected

Data Dictionary (Crashes dataset & FLARIS 2.1)

Layer: Crashes

Fields:

- OBJECTID (type: esriFieldTypeOID, alias: OBJECTID)
- XID (type: esriFieldTypeString, alias: Crash Id, length: 13)
- CALENDAR_YEAR (type: esriFieldTypeSmallInteger, alias: Calendar Year)
- CRASH_NUMBER (type: esriFieldTypeString, alias: FDOT Crash Number, length: 9)
- CASE_NUMBER (type: esriFieldTypeString, alias: Reporting Agency Case Number, length: 20)
- INVSTGT_AGCY_CD (type: esriFieldTypeString, alias: Reporting Agency Code, length: 5 , Coded Values: [3: 3 CITY POLICE DEPARTMENT] , [2: 2 COUNTY SHERIFF'S OFFICE] , [1: 1 FLORIDA HIGHWAY PATROL] , ...2 more...)
- AGENCY_TYPE_TXT (type: esriFieldTypeString, alias: Reporting Agency Type, length: 35)
- DOT_GEOG_DIST_CD (type: esriFieldTypeString, alias: FDOT Managing District, length: 2 , Coded Values: [01: 01 FIRST] , [02: 02 SECOND] , [03: 03 THIRD] , ...5 more...)
- DOT_CNTY_CD (type: esriFieldTypeString, alias: FDOT County Code, length: 2 , Coded Values: [26: 26 ALACHUA] , [27: 27 BAKER] , [46: 46 BAY] , ...66 more...)
- COUNTY_TXT (type: esriFieldTypeString, alias: County Name, length: 50)
- CRASH_DATE (type: esriFieldTypeDate, alias: Crash Date, length: 8)
- CRASH_TIME (type: esriFieldTypeString, alias: Crash Time, length: 4)
- DAYOWEEK (type: esriFieldTypeString, alias: Week Day Code, length: 2 , Coded Values: [01: 01 MONDAY] , [02: 02 TUESDAY] , [03: 03 WEDNESDAY] , ...4 more...)
- WEEKDAY_TXT (type: esriFieldTypeString, alias: Day, length: 10)
- DHSMV_CTY_CD (type: esriFieldTypeString, alias: DHSMV City, length: 4 , Coded Values: [2630: 2630 ALACHUA] , [5328: 5328 ALFORD] , [7730: 7730 ALTAMONTE SPRINGS] , ...689 more...)
- DHSCNTYCTY (type: esriFieldTypeString, alias: Crash Report City Code, length: 4)
- IN_TOWN_FLAG (type: esriFieldTypeString, alias: In Town, length: 1)
- ON_ROADWAY_NAME (type: esriFieldTypeString, alias: On Roadway Name, length: 50)
- INT_ROADWAY_NAME (type: esriFieldTypeString, alias: Int Roadway Name, length: 50)
- REFDISTANCE_MI (type: esriFieldTypeDouble, alias: Reference Distance (Miles))
- REFDIRECT (type: esriFieldTypeString, alias: Reference Direction, length: 1)
- OFFICER_LATITUDE (type: esriFieldTypeDouble, alias: Officer Latitude)
- OFFICER_LONGITUDE (type: esriFieldTypeDouble, alias: Officer Longitude)
- SAFETYLAT (type: esriFieldTypeDouble, alias: FDOT Latitude)
- SAFETYLON (type: esriFieldTypeDouble, alias: FDOT Longitude)
- ROADWAYID (type: esriFieldTypeString, alias: FDOT Roadway, length: 8)
- LOCMP (type: esriFieldTypeDouble, alias: Nearest Inventory MP)
- NEAREST_NODE_FROM_CRASH (type: esriFieldTypeString, alias: Nearest Node From Crash, length: 10)
- STATE_ROAD_NUMBER (type: esriFieldTypeString, alias: State Road #, length: 8)
- US_ROAD_NUMBER (type: esriFieldTypeString, alias: US Highway, length: 8)
- ACCSIDRD (type: esriFieldTypeString, alias: Crash Side of Road, length: 1 , Coded Values: [E: E END OF ST RD] , [I: I INTERSECTION] , [L: L LEFT] , ...6 more...)
- ACCLANE (type: esriFieldTypeString, alias: Accident Lane Number, length: 1 , Coded Values: [A: A ACCEL/MERGE] , [V: V BIKE LANE] , [T: T CONTIN. TURN] , ...23 more...)
- TRAVDIR (type: esriFieldTypeString, alias: Travel Direction Vehicle 1, length: 1 , Coded Values: [E: E EAST] , [N: N NORTH] , [O: O OFF-ROAD] , ...3 more...)
- CRRATECD (type: esriFieldTypeString, alias: FDOT Road Category, length: 2 , Coded Values: [02: 02 INTERSTATE RURAL] , [01: 01 INTERSTATE URBAN] , [08: 08 RAMP RURAL] , ...36 more...)
- DHSRDSYS (type: esriFieldTypeString, alias: DHSMV Road System Id, length: 2 , Coded Values: [77: 77 ALL OTHER] , [04: 04 COUNTY] , [07: 07 FOREST ROAD] , ...8 more...)

- JCT_CD (type: esriFieldTypeString, alias: Relation to Junction, length: 2 , Coded Values: [17: 17 ACCELERATION/DECELERATION LANE] , [15: 15 CROSSOVER-RELATED] , [04: 04 DRIVEWAY/ALLEY ACCESS RELATED] , ...10 more...)
- FRST_HARM_LOC_CD (type: esriFieldTypeString, alias: Crash Harmful Event Location, length: 2 , Coded Values: [06: 06 GORE] , [08: 08 IN PARKING LANE OR ZONE] , [04: 04 MEDIAN] , ...8 more...)
- INTCT_TYP_CD (type: esriFieldTypeString, alias: Intersection Type, length: 2 , Coded Values: [07: 07 FIVE-POINT, OR MORE] , [02: 02 FOUR-WAY INTERSECTION] , [01: 01 NOT AT INTERSECTION] , ...6 more...)
- TYPESHLD (type: esriFieldTypeString, alias: Shoulder Type, length: 2 , Coded Values: [03: 03 CURB] , [00: 00 N/A] , [01: 01 PAVED] , ...2 more...)
- SKID_NUMBER (type: esriFieldTypeSmallInteger, alias: FDOT Roadway SKID Test Result)
- SKID_TEST_DATE (type: esriFieldTypeDate, alias: FDOT Roadway SKID Test Date, length: 8)
- FUNCLASS (type: esriFieldTypeString, alias: Functional Class, length: 2 , Coded Values: [09: 09 RURAL LOCAL] , [07: 07 RURAL MAJOR COLLECTOR] , [06: 06 RURAL MINOR ART] , ...11 more...)
- RCI_SURFACE_WIDTH_FT (type: esriFieldTypeDouble, alias: RCI Surface Width)
- RCI_SHOULDER_TYPE_1 (type: esriFieldTypeString, alias: RCI Shoulder Type First Code, length: 2 , Coded Values: [08: 08 CURB W RESF] , [06: 06 CURB&GUTTER] , [04: 04 GRAVEL/MARL] , ...7 more...)
- RCI_SHOULDER_TYPE_1_TXT (type: esriFieldTypeString, alias: RCI Shoulder Type First, length: 35)
- RCI_SHOULDER_WIDTH_1_FT (type: esriFieldTypeDouble, alias: RCI Shoulder Width First)
- RCI_SHOULDER_TYPE_2 (type: esriFieldTypeString, alias: RCI Shoulder Type Second Code, length: 2 , Coded Values: [08: 08 CURB W RESF] , [06: 06 CURB&GUTTER] , [04: 04 GRAVEL/MARL] , ...7 more...)
- RCI_SHOULDER_TYPE_2_TXT (type: esriFieldTypeString, alias: RCI Shoulder Type Second, length: 35)
- RCI_SHOULDER_WIDTH_2_FT (type: esriFieldTypeDouble, alias: RCI Shoulder Width Second)
- RCI_SHOULDER_TYPE_3 (type: esriFieldTypeString, alias: RCI Shoulder Type Third Code, length: 2 , Coded Values: [08: 08 CURB W RESF] , [06: 06 CURB&GUTTER] , [04: 04 GRAVEL/MARL] , ...7 more...)
- RCI_SHOULDER_TYPE_3_TXT (type: esriFieldTypeString, alias: RCI Shoulder Type Third, length: 35)
- RCI_SHOULDER_WIDTH_3_FT (type: esriFieldTypeDouble, alias: RCI Shoulder Width Third)
- RCI_MEDIAN_WIDTH_FT (type: esriFieldTypeDouble, alias: RCI Median Width)
- AVERAGE_DAILY_TRAFFIC (type: esriFieldTypeDouble, alias: Avg Daily Traffic)
- AADT_SOURCE (type: esriFieldTypeString, alias: AADT Source, length: 25)
- RCI_AVG_PERC_TRUCK_TRAFF (type: esriFieldTypeDouble, alias: RCI Avg Per Truck Traffic)
- RCI_HORIZ_CURVE_CD (type: esriFieldTypeString, alias: RCI Horiz Curve Condition, length: 6)
- SPEED_LIMIT (type: esriFieldTypeSmallInteger, alias: Posted Speed Limit)
- INJSEVER (type: esriFieldTypeString, alias: Highest Injury in Crash, length: 1 , Coded Values: [5: 5 FATAL(WITHIN 30 DAYS) INJURY] , [4: 4 INCAPACITATING INJURY] , [1: 1 NO INJURY] , ...4 more...)
- CARSTACD (type: esriFieldTypeString, alias: CAR Status Code, length: 2 , Coded Values: [12: 12 BATCH - ON SR BUT NOT LOCATED] , [16: 16 BATCH DET OFF-SYS - SITE LOC] , [17: 17 BATCH DET OFF-SYS -ALIAS MATCH] , ...23 more...)
- ALCINVCD (type: esriFieldTypeString, alias: Alcohols/Drug Involved, length: 1 , Coded Values: [3: 3 A/D] , [1: 1 ALC] , [2: 2 DRG] , ...2 more...)
- SITELOCA (type: esriFieldTypeString, alias: Site Location, length: 2 , Coded Values: [77: 77 ALL OTHER] , [02: 02 AT INTERSECTION] , [06: 06 BRIDGE] , ...11 more...)
- LGHT_COND_CD (type: esriFieldTypeString, alias: Lighting, length: 2 , Coded Values: [04: 04 DARK-LIGHTED] , [05: 05 DARK-NOT LIGHTED] , [06: 06 DARK-UNKNOWN LIGHTING] , ...6 more...)
- EVNT_WTHR_COND_CD (type: esriFieldTypeString, alias: Weather, length: 2 , Coded Values: [06: 06 BLOWING SAND, SOIL, DIRT] , [01: 01 CLEAR] , [02: 02 CLOUDY] , ...6 more...)
- RD_SRFC_COND_CD (type: esriFieldTypeString, alias: Road Surface, length: 2 , Coded Values: [01: 01 DRY] , [04: 04 ICE/FROST] , [06: 06 MUD, DIRT, GRAVEL] , ...7 more...)
- RDWY_GRDE_CD (type: esriFieldTypeString, alias: Roadway Grade, length: 2 , Coded Values: [04: 04 DOWNHILL] , [02: 02 HILLCREST] , [01: 01 LEVEL] , ...3 more...)

- RDWY_ALIGN_CD (type: esriFieldTypeString, alias: Roadway Alignment, length: 2 , Coded Values: [3: 3 CURVE LEFT] , [2: 2 CURVE RIGHT] , [0: 0 NOT CODED] , ...1 more...)
- TRAF_WAY_CD (type: esriFieldTypeString, alias: Traffic Way, length: 2 , Coded Values: [00: 00 NOT CODED] , [05: 05 ONE-WAY TRAFFICWAY] , [04: 04 TWO-WAY, DIVIDED, POSITIVE MED] , ...4 more...)
- V1_TRAF_WAY_CD (type: esriFieldTypeString, alias: Traffic Way Vehicle 1 Code, length: 2 , Coded Values: [00: 00 NOT CODED] , [05: 05 ONE-WAY TRAFFICWAY] , [04: 04 TWO-WAY, DIVIDED, POSITIVE MED] , ...4 more...)
- V1_TRAF_WAY_CD_TXT (type: esriFieldTypeString, alias: Traffic Way Vehicle 1, length: 35)
- V2_TRAF_WAY_CD (type: esriFieldTypeString, alias: Traffic Way Vehicle 2 Code, length: 2 , Coded Values: [00: 00 NOT CODED] , [05: 05 ONE-WAY TRAFFICWAY] , [04: 04 TWO-WAY, DIVIDED, POSITIVE MED] , ...4 more...)
- V2_TRAF_WAY_CD_TXT (type: esriFieldTypeString, alias: Traffic Way Vehicle 2, length: 35)
- V1TRAFCTL (type: esriFieldTypeString, alias: Traffic Control Vehicle 1 Code, length: 2 , Coded Values: [08: 08 FLASHING SIGNAL] , [01: 01 NO CONTROLS] , [00: 00 NOT CODED] , ...9 more...)
- V1TRAFCTL_TXT (type: esriFieldTypeString, alias: Traffic Control Vehicle 1, length: 35)
- V2TRAFCTL (type: esriFieldTypeString, alias: Traffic Control Vehicle 2 Code, length: 2 , Coded Values: [08: 08 FLASHING SIGNAL] , [01: 01 NO CONTROLS] , [00: 00 NOT CODED] , ...9 more...)
- V2TRAFCTL_TXT (type: esriFieldTypeString, alias: Traffic Control Vehicle 2, length: 35)
- TRAFFIC_CONTROL_MC (type: esriFieldTypeString, alias: Traffic Control, length: 6)
- CNTOFLANES (type: esriFieldTypeSmallInteger, alias: Count of Lanes)
- ROADCOND1 (type: esriFieldTypeString, alias: Road Condition 1 Code, length: 2 , Coded Values: [12: 12 DEBRIS] , [14: 14 NON-HIGHWAY WORK] , [01: 01 NONE] , ...10 more...)
- ROADCOND1_TXT (type: esriFieldTypeString, alias: Road Condition 1, length: 35)
- ROADCOND2 (type: esriFieldTypeString, alias: Road Condition 2 Code, length: 2 , Coded Values: [12: 12 DEBRIS] , [14: 14 NON-HIGHWAY WORK] , [01: 01 NONE] , ...10 more...)
- ROADCOND2_TXT (type: esriFieldTypeString, alias: Road Condition 2, length: 35)
- ROADCOND3 (type: esriFieldTypeString, alias: Road Condition 3 Code, length: 2 , Coded Values: [12: 12 DEBRIS] , [14: 14 NON-HIGHWAY WORK] , [01: 01 NONE] , ...10 more...)
- ROADCOND3_TXT (type: esriFieldTypeString, alias: Road Condition 3, length: 35)
- ROAD_CONDITION_MC (type: esriFieldTypeString, alias: Road Conditions, length: 10)
- ENVIRNMT1 (type: esriFieldTypeString, alias: Environment Condition 1 Code, length: 2 , Coded Values: [77: 77 ALL OTHER (SEE NARRTIVE)] , [05: 05 ANIMAL(S) IN ROADWAY] , [04: 04 GLARE] , ...5 more...)
- ENVIRNMT1_TXT (type: esriFieldTypeString, alias: Environment Condition 1, length: 35)
- ENVIRNMT2 (type: esriFieldTypeString, alias: Environment Condition 2 Code, length: 2 , Coded Values: [77: 77 ALL OTHER (SEE NARRTIVE)] , [05: 05 ANIMAL(S) IN ROADWAY] , [04: 04 GLARE] , ...5 more...)
- ENVIRNMT2_TXT (type: esriFieldTypeString, alias: Environment Condition 2, length: 35)
- ENVIRNMT3 (type: esriFieldTypeString, alias: Environment Condition 3 Code, length: 2 , Coded Values: [77: 77 ALL OTHER (SEE NARRTIVE)] , [05: 05 ANIMAL(S) IN ROADWAY] , [04: 04 GLARE] , ...5 more...)
- ENVIRNMT3_TXT (type: esriFieldTypeString, alias: Environment Condition 3, length: 35)
- ENVIRONMENT_CONDITION_MC (type: esriFieldTypeString, alias: Environment Condition, length: 10)
- MOST_HARM_EVNT_CD (type: esriFieldTypeString, alias: Crash Harmful Event, length: 2 , Coded Values: [13: 13 ANIMAL] , [20: 20 BRIDGE OVERHEAD STRUCTURE] , [21: 21 BRIDGE PIER OR SUPPORT] , ...37 more...)
- IMPCT_TYP_CD (type: esriFieldTypeString, alias: Manner of Collision, length: 2 , Coded Values: [03: 03 ANGLE] , [02: 02 FRONT TO FRONT] , [01: 01 FRONT TO REAR] , ...7 more...)
- VHCL_MOVE_CD (type: esriFieldTypeString, alias: Vehicle Movement, length: 2 , Coded Values: [04: 04 BACKING] , [06: 06 CHANGING LANES] , [17: 17 ENTERING TRAFFIC LANE] , ...13 more...)
- D1_FRST_DR_ACTN_CD (type: esriFieldTypeString, alias: Driver Action Vehicle 1 Code, length: 2 , Coded Values: [28: 28 DISREGARDED OTHER ROAD MARKING] , [27: 27 DISREGARDED OTHER TRAFFIC SIGN] , [12: 12 DROVE TOO FAST FOR CONDITIONS] , ...18 more...)
- D1_FRST_DR_ACTN_CD_TXT (type: esriFieldTypeString, alias: Driver Action Vehicle 1, length: 35)

- D2_FRST_DR_ACTN_CD (type: esriFieldTypeString, alias: Driver Action Vehicle 2 Code, length: 2 , Coded Values: [28: 28 DISREGARDED OTHER ROAD MARKING] , [27: 27 DISREGARDED OTHER TRAFFIC SIGN] , [12: 12 DROVE TOO FAST FOR CONDITIONS] , ...18 more...)
- D2_FRST_DR_ACTN_CD_TXT (type: esriFieldTypeString, alias: Driver Action Vehicle 2, length: 35)
- DRIVER_ACTION_MC (type: esriFieldTypeString, alias: Driver Action, length: 6)
- LOC_WTHN_ZONE_CD (type: esriFieldTypeString, alias: Location Within Workzone, length: 2 , Coded Values: [04: 04 ACTIVITY AREA] , [02: 02 ADVANCE WARNING AREA] , [01: 01 BEFORE THE FIRST WARNING SIGN] , ...3 more...)
- WRK_ZONE_TYP_CD (type: esriFieldTypeString, alias: Type of Workzone, length: 2 , Coded Values: [04: 04 INTERMITTENT OR MOVING WORK] , [01: 01 LANE CLOSURE] , [02: 02 LANE SHIFT/CROSSOVER] , ...3 more...)
- WRK_PRSNT_CD (type: esriFieldTypeString, alias: Workers Present in Workzone, length: 2 , Coded Values: [01: 01 NO] , [00: 00 NOT CODED] , [88: 88 UNKNOWN] , ...1 more...)
- LAW_ENFRC_PRSNT_CD (type: esriFieldTypeString, alias: Law Enforcement Present in Workzone, length: 2 , Coded Values: [03: 03 LAW ENFORCEMENT VEHICLE ONLY] , [01: 01 NO] , [00: 00 NOT CODED] , ...1 more...)
- SCHL_BUS_REL_CD (type: esriFieldTypeString, alias: School Bus Related, length: 2 , Coded Values: [01: 01 NO] , [00: 00 NOT CODED] , [02: 02 YES, SCHOOL BUS DIRECTLY INVOL] , ...1 more...)
- NUMBER_OF_INJURED (type: esriFieldTypeSmallInteger, alias: Count of Nonfatal Injuries)
- NUMBER_OF_KILLED (type: esriFieldTypeSmallInteger, alias: Count of Traffic Fatalities)
- NUMBER_OF_SERIOUS_INJURIES (type: esriFieldTypeSmallInteger, alias: Count of Serious Injuries)
- NUMBER_OF_PEDESTRIANS (type: esriFieldTypeSmallInteger, alias: Count of Pedestrians)
- TOTAL_DRIVERS (type: esriFieldTypeSmallInteger, alias: Count of Drivers)
- NUMBER_OF_BICYCLISTS (type: esriFieldTypeSmallInteger, alias: Count of Bicyclists)
- NUMBER_OF_VEHICLES (type: esriFieldTypeSmallInteger, alias: Count of Vehicles)
- TOTAL_PERSONS (type: esriFieldTypeDouble, alias: Count of Persons)
- WRONGWAY_IND (type: esriFieldTypeString, alias: Wrong Way, length: 1)
- WORKZONE_IND (type: esriFieldTypeString, alias: Workzone Inv, length: 1)
- COMMERCIAL_VEHICLE_IND (type: esriFieldTypeString, alias: Commercial Vehicle Inv, length: 1)
- INTERSECTION_IND (type: esriFieldTypeString, alias: Intersection Inv, length: 1)
- LANE_DEPARTURE_IND (type: esriFieldTypeString, alias: Lane Departure, length: 1)
- CRASH_CLASS_IND_MC (type: esriFieldTypeString, alias: Crash Category, length: 20)
- SPEEDING_IND (type: esriFieldTypeString, alias: Speeding, length: 1)
- AGGRESSIVE_DRIVING_IND (type: esriFieldTypeString, alias: Agressive Driving, length: 1)
- IMPAIRED_DRIVER_IND (type: esriFieldTypeString, alias: Impaired Driver, length: 1)
- IMPAIRED_PEDESTRIAN_IND (type: esriFieldTypeString, alias: Impaired Pedestrian, length: 1)
- IMPAIRED_BICYCLIST_IND (type: esriFieldTypeString, alias: Impaired Bicyclist, length: 1)
- DISTRACTED_DRIVER_IND (type: esriFieldTypeString, alias: Distracted Driver, length: 1)
- DRIVER_PEDEST_CONDIT_IND_MC (type: esriFieldTypeString, alias: Driver Behavior, length: 20)
- SPEEDING_AGGRESSIVE_IND (type: esriFieldTypeString, alias: Speeding or Aggressive Driving, length: 1)
- PEDESTRIAN_RELATED_IND (type: esriFieldTypeString, alias: Pedestrian Related, length: 1)
- BICYCLIST_RELATED_IND (type: esriFieldTypeString, alias: Bicyclist Related, length: 1)
- PEDESTRIAN_BICYCLIST_IND (type: esriFieldTypeString, alias: Pedestrian or Bicyclist Related, length: 1)
- MOTORCYCLE_INVOLVED_IND (type: esriFieldTypeString, alias: Motorcycle Inv, length: 1)
- NO_BELT_IND (type: esriFieldTypeString, alias: No Belt, length: 2)
- NO_BELT_AGE_1_4_IND (type: esriFieldTypeString, alias: No Belt - Ages 1-4, length: 1)
- NO_BELT_AGE_5_12_IND (type: esriFieldTypeString, alias: No Belt - Ages 5-12, length: 1)
- NO_BELT_AGE_13_17_IND (type: esriFieldTypeString, alias: No Belt - Ages 13-17, length: 1)
- AGE_TEEN_IND (type: esriFieldTypeString, alias: Driver - Ages Teen, length: 1)
- AGE_65_PLUS_IND (type: esriFieldTypeString, alias: Driver - Ages 65 plus, length: 1)

- AGE_65_69_IND (type: esriFieldTypeString, alias: Driver - Ages 65-69, length: 1)
- AGE_70_74_IND (type: esriFieldTypeString, alias: Driver - Ages 70-74, length: 1)
- AGE_75_79_IND (type: esriFieldTypeString, alias: Driver - Ages 75-79, length: 1)
- AGE_80_PLUS_IND (type: esriFieldTypeString, alias: Driver - Ages 80 plus, length: 1)
- LINK_ID (type: esriFieldTypeDouble, alias: Navteq Link Id)
- CRSH_REF_NODE_ID (type: esriFieldTypeDouble, alias: Crash Reference Node Id)
- CRSH_XTMREF_NOD_ID (type: esriFieldTypeDouble, alias: Crash Begin Node Id)
- DSTNC_TOXTRNOD_NUM (type: esriFieldTypeDouble, alias: Distance to Begin Node)
- CRSH_XTRREFNODB_ID (type: esriFieldTypeDouble, alias: Crash End Node Id)
- DST_TOXTRMNODB_NUM (type: esriFieldTypeDouble, alias: Distance to End Node)
- LATITUDE (type: esriFieldTypeDouble, alias: ARBM Latitude)
- LONGITUDE (type: esriFieldTypeDouble, alias: ARBM Longitude)
- X_COORDINATE (type: esriFieldTypeDouble, alias: UTM Zone 17N X)
- Y_COORDINATE (type: esriFieldTypeDouble, alias: UTM Zone 17N Y)
- ARBM_ROADSIDE (type: esriFieldTypeString, alias: ARBM Side of Road, length: 1)
- GEO_URBAN_RURAL_IND (type: esriFieldTypeString, alias: Urban Rural Indicator, length: 1)
- MAP_SOURCE (type: esriFieldTypeString, alias: GIS Street Source, length: 20)
- EXTRACT_DATE (type: esriFieldTypeDate, alias: Extract Date, length: 8)
- ARBM_ROAD_STATUS (type: esriFieldTypeString, alias: ARBM Road Status, length: 20)
- Shape (type: esriFieldTypeGeometry, alias: SHAPE)

Layer: FLARIS Intersections

Fields:

- OBJECTID *(type: esriFieldTypeOID, alias: OBJECTID)*
- Shape *(type: esriFieldTypeGeometry, alias: Shape)*
- INTERSECTION_KEY *(type: esriFieldTypeDouble, alias: FDOT Intersection Key)*
- PXID *(type: esriFieldTypeDouble, alias: FDOT Persistent Intersection Identifier)*
- COMPLEX_INTERSECTION_IND *(type: esriFieldTypeString, alias: Complex Intersection Indicator, length: 1)*
- INTERSECTION_TYPE_ID *(type: esriFieldTypeString, alias: Intersection Type Identifier, length: 3)*
- INTERCHANGE_IND *(type: esriFieldTypeString, alias: Interchange Indicator, length: 1)*
- ON_OFF_SYSTEM_IND *(type: esriFieldTypeString, alias: On Off System Indicator, length: 3)*
- DOT_GEOG_DIST_CD *(type: esriFieldTypeString, alias: FDOT Managing District, length: 2)*
- DOT_CNTY_CD *(type: esriFieldTypeString, alias: FDOT County Code, length: 2)*
- USPS_CITY_PRIMARY_ID *(type: esriFieldTypeSmallInteger, alias: Primary USPS City Code)*
- INTERSECTING_ROADWAYID_MPS *(type: esriFieldTypeString, alias: Intersecting Roadway Id Milepoints, length: 500)*
- INTERSECTING_ROAD_NAMES *(type: esriFieldTypeString, alias: Intersecting Road Names, length: 500)*
- INT_NUM_SEG *(type: esriFieldTypeSmallInteger, alias: Total Number of Internal Segments)*
- EXT_NUM_SEG *(type: esriFieldTypeSmallInteger, alias: Total Number of External Segments)*
- TOT_NUM_SEG *(type: esriFieldTypeSmallInteger, alias: Total Number of Segments)*
- TOT_NUM_LEG *(type: esriFieldTypeSmallInteger, alias: Total Number of Legs)*
- TOT_NUM_NODES *(type: esriFieldTypeSmallInteger, alias: Total Number of Nodes)*
- MAX_LANES_NO *(type: esriFieldTypeSmallInteger, alias: Intersecting Road Highest Number of Lanes)*
- NUM_LEG_ID *(type: esriFieldTypeSmallInteger, alias: Number of Legs Identifier)*
- INTERSECTION_MIN_NODE_ID *(type: esriFieldTypeDouble, alias: Intersection Minimum Node Identifier)*
- X_UTM *(type: esriFieldTypeDouble, alias: X UTM)*
- Y_UTM *(type: esriFieldTypeDouble, alias: Y UTM)*
- EV_DAILY_TRAFFIC *(type: esriFieldTypeDouble, alias: Entering Vehicle Daily Traffic)*
- AADT_MAJOR *(type: esriFieldTypeDouble, alias: Avg Annual Daily Traffic - Major)*
- AADT_MAJOR_ROADWAY_ID *(type: esriFieldTypeString, alias: AADT Major Roadway Id, length: 8)*
- AADT_MINOR *(type: esriFieldTypeDouble, alias: Avg Annual Daily Traffic - Minor)*
- AADT_MINOR_ROADWAY_ID *(type: esriFieldTypeString, alias: AADT Minor Roadway Id, length: 8)*
- GEOMETRY_TYPE_ID *(type: esriFieldTypeSmallInteger, alias: Geometry Type Identifier)*
- GEOMETRY_TYPE *(type: esriFieldTypeString, alias: Geometry Type, length: 1)*
- CRASH_INTERSECT_CATEGORY_SN *(type: esriFieldTypeString, alias: Crash Intersection Category, length: 10)*
- URBAN_IND *(type: esriFieldTypeString, alias: Urban Indicator, length: 1)*
- SIGNALIZED_IND *(type: esriFieldTypeString, alias: Signalized Indicator, length: 1)*
- STOP_CONTROL_IND *(type: esriFieldTypeString, alias: Stop Control Indicator, length: 1)*
- YIELD_CONTROL_IND *(type: esriFieldTypeString, alias: Yield Control Indicator, length: 1)*
- OTHER_SIGN_IND *(type: esriFieldTypeSmallInteger, alias: Other Sign Indicator)*
- MAP_SOURCE *(type: esriFieldTypeString, alias: ARBM Version, length: 20)*
- EXTRACT_DATE *(type: esriFieldTypeDate, alias: Extract Date, length: 8)*
- Shape.STLength() *(type: esriFieldTypeDouble, alias: Shape.STLength())*

Layer: FLARIS Intersection Cores

Fields:

- OBJECTID (type: esriFieldTypeOID, alias: OBJECTID)
- Shape (type: esriFieldTypeGeometry, alias: Shape)
- INTERSECTION_CORE_KEY (type: esriFieldTypeDouble, alias: Intersection Core Key)

- INTERSECTION_KEY (type: esriFieldTypeDouble, alias: FDOT Intersection Key)
- INTERSECTION_PXID (type: esriFieldTypeDouble, alias: FDOT Persistent Intersection Key)
- GEOMETRY_TYPE_ID (type: esriFieldTypeSmallInteger, alias: Geometry Type Identifier)
- INTERSECTION_TYPE_ID (type: esriFieldTypeString, alias: Intersection Type ID, length: 3)
- BEGIN_NODE_ID (type: esriFieldTypeDouble, alias: Begin Node Id)
- BEGIN_NODE_MP (type: esriFieldTypeDouble, alias: Begin Node Milepoint)
- BEGIN_TOLERANCE_FT (type: esriFieldTypeDouble, alias: Begin Node Tolerance in Feet)
- BEGIN_LINK_ID (type: esriFieldTypeDouble, alias: Begin Link ID)
- END_NODE_ID (type: esriFieldTypeDouble, alias: End Node Id)
- END_NODE_MP (type: esriFieldTypeDouble, alias: End Node Milepoint)
- END_TOLERANCE_FT (type: esriFieldTypeDouble, alias: End Tolerance in Feet)
- END_LINK_ID (type: esriFieldTypeDouble, alias: End Link ID)
- ROADWAY (type: esriFieldTypeString, alias: FDOT Roadway ID, length: 8)
- ROADSIDE (type: esriFieldTypeString, alias: Roadside, length: 1)
- ROUTE_BMP (type: esriFieldTypeDouble, alias: Route Beginning Milepoint)
- ROUTE_EMP (type: esriFieldTypeDouble, alias: Route Ending Milepoint)
- LENGTH_FT (type: esriFieldTypeDouble, alias: Segment Length in Feet)
- ARBM_ROUTE_IND (type: esriFieldTypeString, alias: ARBM Route Indicator, length: 1)
- LANE_CATEGORY_PER_SEGWAY (type: esriFieldTypeString, alias: Lane Category Per Segway, length: 1)
- FUNCTION_CLASS (type: esriFieldTypeString, alias: Functional Class, length: 1)
- SPEED_CATEGORY_ID (type: esriFieldTypeString, alias: Speed Category Id, length: 1)
- PARKING_LOT_IND (type: esriFieldTypeString, alias: Parking Lot Indicator, length: 1)
- PEDESTRIAN_ONLY_IND (type: esriFieldTypeString, alias: Pedestrian Only Indicator, length: 1)
- NON_PUBLIC_IND (type: esriFieldTypeString, alias: Non Public Indicator, length: 1)
- MAP_SOURCE (type: esriFieldTypeString, alias: GIS Street Source, length: 20)
- Shape.STLength() (type: esriFieldTypeDouble, alias: Shape.STLength())

Layer: FLARIS Intersection Legs

Fields:

- OBJECTID (type: esriFieldTypeOID, alias: OBJECTID)
- Shape (type: esriFieldTypeGeometry, alias: Shape)
- INTERSECTION_LEG_KEY (type: esriFieldTypeDouble, alias: Intersection Leg Key)
- INTERSECTION_KEY (type: esriFieldTypeDouble, alias: FDOT Intersection Key)
- INTERSECTION_PXID (type: esriFieldTypeDouble, alias: FDOT Persistent Intersection Key)
- GEOMETRY_TYPE_ID (type: esriFieldTypeSmallInteger, alias: Geometry Type Identifier)
- INTERSECTION_TYPE_ID (type: esriFieldTypeString, alias: Intersection Type ID, length: 3)
- INTERSECTION_LEG_TYPE_IND (type: esriFieldTypeString, alias: Intersection Leg Type Indicator, length: 3)
- BEGIN_NODE_ID (type: esriFieldTypeDouble, alias: Begin Node Id)
- BEGIN_INTERSECTION_NODE_TYPE (type: esriFieldTypeString, alias: Begin Intersection Node Type, length: 3)
- BEGIN_NODE_MP (type: esriFieldTypeDouble, alias: Begin Node Milepoint)
- BEGIN_TOLERANCE_FT (type: esriFieldTypeDouble, alias: Begin Node Tolerance in Feet)
- BEGIN_LINK_ID (type: esriFieldTypeDouble, alias: Begin Link ID)
- END_NODE_ID (type: esriFieldTypeDouble, alias: End Node Id)
- END_INTERSECTION_NODE_TYPE (type: esriFieldTypeString, alias: End Intersection Node Type, length: 3)
- END_NODE_MP (type: esriFieldTypeDouble, alias: End Node Milepoint)
- END_TOLERANCE_FT (type: esriFieldTypeDouble, alias: End Tolerance in Feet)
- END_LINK_ID (type: esriFieldTypeDouble, alias: End Link ID)
- ROADWAY (type: esriFieldTypeString, alias: FDOT Roadway ID, length: 8)
- ROADSIDE (type: esriFieldTypeString, alias: Roadside, length: 1)

- ROUTE_BMP (type: esriFieldTypeDouble, alias: Route Beginning Milepoint)
- ROUTE_EMP (type: esriFieldTypeDouble, alias: Route Ending Milepoint)
- LENGTH_FT (type: esriFieldTypeDouble, alias: Segment Length in Feet)
- ARBM_ROUTE_IND (type: esriFieldTypeString, alias: ARBM Route Indicator, length: 1)
- LANE_CATEGORY_PER_SEGWAY (type: esriFieldTypeString, alias: Lane Category Per Segway, length: 1)
- FUNCTION_CLASS (type: esriFieldTypeString, alias: Functional Class, length: 1)
- SPEED_CATEGORY_ID (type: esriFieldTypeString, alias: Speed Category Id, length: 1)
- PARKING_LOT_IND (type: esriFieldTypeString, alias: Parking Lot Indicator, length: 1)
- PEDESTRIAN_ONLY_IND (type: esriFieldTypeString, alias: Pedestrian Only Indicator, length: 1)
- NON_PUBLIC_IND (type: esriFieldTypeString, alias: Non Public Indicator, length: 1)
- MAP_SOURCE (type: esriFieldTypeString, alias: GIS Street Source, length: 20)
- Shape.STLength() (type: esriFieldTypeDouble, alias: Shape.STLength())

Layer: FLARIS Intersection Nodes

Fields:

- OBJECTID (type: esriFieldTypeOID, alias: OBJECTID)
- Shape (type: esriFieldTypeGeometry, alias: Shape)
- INTERSECTION_NODE_KEY (type: esriFieldTypeDouble, alias: Intersection Node Key)
- INTERSECTION_KEY (type: esriFieldTypeDouble, alias: FDOT Intersection Key)
- INTERSECTION_PXID (type: esriFieldTypeDouble, alias: FDOT Persistent Intersection Key)
- INTERSECTION_TYPE_ID (type: esriFieldTypeString, alias: Intersection Type ID, length: 3)
- INTERCHANGE_IND (type: esriFieldTypeString, alias: Interchange Indicator, length: 1)
- INTERSECTION_MIN_NODE_ID (type: esriFieldTypeDouble, alias: Intersection Min Node Id)
- NODE_ID (type: esriFieldTypeDouble, alias: Node Id)
- POINT_X (type: esriFieldTypeDouble, alias: UTM X)
- POINT_Y (type: esriFieldTypeDouble, alias: UTM Y)
- Z_LEVEL (type: esriFieldTypeSmallInteger, alias: Z Level)
- INTERSECTION_NODE_TYPE (type: esriFieldTypeString, alias: Intersection Node Type, length: 3)
- NODE_TYPE (type: esriFieldTypeString, alias: Node Type, length: 3)
- SPLIT_IND (type: esriFieldTypeString, alias: Split Indicator, length: 1)
- MAP_SOURCE (type: esriFieldTypeString, alias: GIS Street Source, length: 20)

Layer: FLARIS ARBM Routes

Fields:

- OBJECTID (type: esriFieldTypeOID, alias: OBJECTID)
- Shape (type: esriFieldTypeGeometry, alias: Shape)
- ROADWAY (type: esriFieldTypeString, alias: FDOT Roadway ID, length: 8)
- ROADSIDE (type: esriFieldTypeString, alias: Roadside, length: 1)
- BMP (type: esriFieldTypeDouble, alias: Beginning Milepoint)
- EMP (type: esriFieldTypeDouble, alias: Ending Milepoint)
- MILEAGE (type: esriFieldTypeDouble, alias: Mileage)
- MAP_SOURCE (type: esriFieldTypeString, alias: ARBM Version, length: 20)
- Shape.STLength() (type: esriFieldTypeDouble, alias: Shape.STLength())

Layer: FLARIS ARBM Streets

Fields:

- OBJECTID (type: esriFieldTypeOID, alias: OBJECTID)
- Shape (type: esriFieldTypeGeometry, alias: Shape)
- SSID (type: esriFieldTypeString, alias: SSO Segment Unique ID, length: 20)
- LINK_ID (type: esriFieldTypeDouble, alias: Link ID)

- ST_NAME (type: esriFieldTypeString, alias: Street Name, length: 240)
- FDOT_DISTRICT (type: esriFieldTypeSmallInteger, alias: FDOT Managing District)
- COUNTY (type: esriFieldTypeString, alias: FDOT County Code, length: 2)
- ROADWAY (type: esriFieldTypeString, alias: FDOT Roadway ID, length: 8)
- ROADSIDE (type: esriFieldTypeString, alias: Roadside, length: 1)
- BMP (type: esriFieldTypeDouble, alias: Route Beginning Milepoint)
- EMP (type: esriFieldTypeDouble, alias: Route Ending Milepoint)
- HERE_ARBM_SAME_DIRECTION_IND (type: esriFieldTypeString, alias: HERE ARBM Same Direction Indicator, length: 1)
- MILEAGE (type: esriFieldTypeDouble, alias: Segment Length in Miles)
- AADT (type: esriFieldTypeDouble, alias: Average Annual Daily Traffic)
- AADT_YEAR (type: esriFieldTypeString, alias: Average Annual Daily Traffic Estimated Year, length: 4)
- AADT_SOURCE (type: esriFieldTypeString, alias: Average Annual Daily Traffic Source, length: 20)
- COSITE (type: esriFieldTypeString, alias: FDOT Telemetered Traffic Monitoring Site Location ID, length: 8)
- RD_STATUS (type: esriFieldTypeString, alias: Road Status Code, length: 2)
- ROADTYPE (type: esriFieldTypeString, alias: Road Type, length: 50)
- RCI_FUNCLASS (type: esriFieldTypeString, alias: FDOT Functional Class, length: 2)
- RCI_RAMP (type: esriFieldTypeString, alias: FDOT Ramp Indicator, length: 2)
- XFROM (type: esriFieldTypeDouble, alias: X Coordinate of the First HERE Point)
- XTO (type: esriFieldTypeDouble, alias: X Coordinate of the Last HERE Point)
- YFROM (type: esriFieldTypeDouble, alias: Y Coordinate of the First HERE Point)
- YTO (type: esriFieldTypeDouble, alias: Y Coordinate of the Last HERE Point)
- MAP_SOURCE (type: esriFieldTypeString, alias: ARBM Version, length: 20)
- FEAT_ID (type: esriFieldTypeDouble, alias: Feature ID)
- ST_LANGCD (type: esriFieldTypeString, alias: Street Name Language Code, length: 3)
- NUM_STNMES (type: esriFieldTypeSmallInteger, alias: Number of Street Names)
- ST_NM_PREF (type: esriFieldTypeString, alias: Street Name Prefix, length: 6)
- ST_TYP_BEF (type: esriFieldTypeString, alias: Street Type Before (and Street Type After), length: 90)
- ST_NM_BASE (type: esriFieldTypeString, alias: Street Name Base (Feature Name), length: 105)
- ST_NM_SUFF (type: esriFieldTypeString, alias: Street Name Suffix, length: 6)
- ST_TYP_AFT (type: esriFieldTypeString, alias: Street Type After, length: 90)
- ST_TYP_ATT (type: esriFieldTypeString, alias: Street Type Attached, length: 1)
- ADDR_TYPE (type: esriFieldTypeString, alias: Address Type, length: 1)
- L_REFADDR (type: esriFieldTypeString, alias: Left Reference Address, length: 10)
- L_NREFADDR (type: esriFieldTypeString, alias: Left non-Reference Address, length: 10)
- L_ADDRSCH (type: esriFieldTypeString, alias: Left Address Scheme, length: 1)
- L_ADDRFORM (type: esriFieldTypeString, alias: Left Address Format, length: 2)
- R_REFADDR (type: esriFieldTypeString, alias: Right Reference Address, length: 10)
- R_NREFADDR (type: esriFieldTypeString, alias: Right Non-Reference Address, length: 10)
- R_ADDRSCH (type: esriFieldTypeString, alias: Right Address Scheme, length: 1)
- R_ADDRFORM (type: esriFieldTypeString, alias: Right Address Format, length: 2)
- REF_IN_ID (type: esriFieldTypeDouble, alias: Reference Node ID)
- NREF_IN_ID (type: esriFieldTypeDouble, alias: Non-Reference Node ID)
- N_SHAPEPNT (type: esriFieldTypeDouble, alias: Number of Shapepoints)
- FUNC_CLASS (type: esriFieldTypeString, alias: Functional Class, length: 1)
- SPEED_CAT (type: esriFieldTypeString, alias: Speed Category, length: 1)
- FR_SPD_LIM (type: esriFieldTypeInteger, alias: From Reference Speed Limit)
- TO_SPD_LIM (type: esriFieldTypeInteger, alias: Toward Reference Speed Limit)
- TO_LANES (type: esriFieldTypeSmallInteger, alias: To Lanes)
- FROM_LANES (type: esriFieldTypeSmallInteger, alias: From Lanes)

- ENH_GEOM (type: esriFieldTypeString, alias: Enhanced Geometry, length: 1)
- LANE_CAT (type: esriFieldTypeString, alias: Lane Category, length: 1)
- DIVIDER (type: esriFieldTypeString, alias: Divider, length: 1)
- DIR_TRAVEL (type: esriFieldTypeString, alias: Direction of Travel, length: 1)
- L_AREA_ID (type: esriFieldTypeDouble, alias: Left Area ID)
- R_AREA_ID (type: esriFieldTypeDouble, alias: Right Area ID)
- L_POSTCODE (type: esriFieldTypeString, alias: Left Postal Code, length: 11)
- R_POSTCODE (type: esriFieldTypeString, alias: Right Postal Code, length: 11)
- L_NUMZONES (type: esriFieldTypeSmallInteger, alias: Number of Left Zones)
- R_NUMZONES (type: esriFieldTypeSmallInteger, alias: Number of Right Zones)
- NUM_AD_RNG (type: esriFieldTypeSmallInteger, alias: Number of Address Ranges)
- AR_AUTO (type: esriFieldTypeString, alias: Access Automobiles, length: 1)
- AR_BUS (type: esriFieldTypeString, alias: Access Buses, length: 1)
- AR_TAXIS (type: esriFieldTypeString, alias: Access Taxis, length: 1)
- AR_CARPOOL (type: esriFieldTypeString, alias: Access Carpools, length: 1)
- AR_PEDEST (type: esriFieldTypeString, alias: Access Pedestrians, length: 1)
- AR_TRUCKS (type: esriFieldTypeString, alias: Access Trucks, length: 1)
- AR_TRAFF (type: esriFieldTypeString, alias: Access Through Traffic, length: 1)
- AR_DELIV (type: esriFieldTypeString, alias: Access Deliveries, length: 1)
- AR_EMERVEH (type: esriFieldTypeString, alias: Access Emergency Vehicles, length: 1)
- AR_MOTOR (type: esriFieldTypeString, alias: Access Motorcycles, length: 1)
- PAVED (type: esriFieldTypeString, alias: Paved, length: 1)
- PRIVATE (type: esriFieldTypeString, alias: Private, length: 1)
- FRONTAGE (type: esriFieldTypeString, alias: Frontage Road, length: 1)
- BRIDGE (type: esriFieldTypeString, alias: Bridge, length: 1)
- TUNNEL (type: esriFieldTypeString, alias: Tunnel, length: 1)
- RAMP (type: esriFieldTypeString, alias: Ramp, length: 1)
- TOLLWAY (type: esriFieldTypeString, alias: Tollway, length: 1)
- POIACCESS (type: esriFieldTypeString, alias: POI Access Road, length: 1)
- CONTRACC (type: esriFieldTypeString, alias: Controlled Access, length: 1)
- ROUNDABOUT (type: esriFieldTypeString, alias: Roundabout, length: 1)
- INTERINTER (type: esriFieldTypeString, alias: Intersection Internal, length: 1)
- UNDEFTRAFF (type: esriFieldTypeString, alias: Undefined Traffic Area, length: 1)
- FERRY_TYPE (type: esriFieldTypeString, alias: Ferry Type, length: 1)
- MULTIDIGIT (type: esriFieldTypeString, alias: Multiply Digitised, length: 1)
- MAXATTR (type: esriFieldTypeString, alias: Maximum Attributes, length: 1)
- SPECTRFIG (type: esriFieldTypeString, alias: Special Traffic Figure, length: 1)
- INDESCRIB (type: esriFieldTypeString, alias: Indescribable, length: 1)
- MANOEUVRE (type: esriFieldTypeString, alias: Manoeuvre, length: 1)
- DIVIDERLEG (type: esriFieldTypeString, alias: Divider Legal, length: 1)
- INPROCDATA (type: esriFieldTypeString, alias: In Process Data, length: 1)
- FULL_GEOM (type: esriFieldTypeString, alias: Full Geometry, length: 1)
- URBAN (type: esriFieldTypeString, alias: Urban, length: 1)
- ROUTE_TYPE (type: esriFieldTypeString, alias: Route Type, length: 1)
- DIRONSIGN (type: esriFieldTypeString, alias: Direction on Sign, length: 1)
- EXPLICATBL (type: esriFieldTypeString, alias: Explicatable, length: 1)
- NAMEONRDSN (type: esriFieldTypeString, alias: Name on Road Sign, length: 1)
- POSTALNAME (type: esriFieldTypeString, alias: Postal Name, length: 1)
- STALENAME (type: esriFieldTypeString, alias: Stale Name, length: 1)
- VANITYNAME (type: esriFieldTypeString, alias: Vanity Name, length: 1)

- JUNCTIONNM (type: esriFieldTypeString, alias: Junction Name, length: 1)
- EXITNAME (type: esriFieldTypeString, alias: Exit Name, length: 1)
- SCENIC_RT (type: esriFieldTypeString, alias: Scenic Route, length: 1)
- SCENIC_NM (type: esriFieldTypeString, alias: Scenic Route Name, length: 1)
- FOURWHLDR (type: esriFieldTypeString, alias: Four-Wheel Drive, length: 1)
- COVERIND (type: esriFieldTypeString, alias: Coverage Indicator, length: 2)
- PLOT_ROAD (type: esriFieldTypeString, alias: Parking Lot Road, length: 1)
- REVERSIBLE (type: esriFieldTypeString, alias: Reversible, length: 1)
- EXPR_LANE (type: esriFieldTypeString, alias: Express Lane, length: 1)
- CARPOOLRD (type: esriFieldTypeString, alias: Carpool Road, length: 1)
- PHYS_LANES (type: esriFieldTypeSmallInteger, alias: Physical Number of Lanes)
- VER_TRANS (type: esriFieldTypeString, alias: Transport Verified, length: 1)
- PUB_ACCESS (type: esriFieldTypeString, alias: Public Access, length: 1)
- LOW_MBLTY (type: esriFieldTypeString, alias: Low Mobility, length: 1)
- PRIORITYRD (type: esriFieldTypeString, alias: Priority Road, length: 1)
- SPD_LM_SRC (type: esriFieldTypeString, alias: Speed Limit Source, length: 2)
- EXPAND_INC (type: esriFieldTypeString, alias: Expanded Inclusion, length: 1)
- TRANS_AREA (type: esriFieldTypeString, alias: Transition Area (Streets), length: 1)
- Shape.STLength() (type: esriFieldTypeDouble, alias: Shape.STLength())