

Florida's Traffic Records Coordinating Committee

Critical Updates on FY22 Traffic Records Projects

presented to

TRCC



February 4, 2022



Critical Updates on Current TR Projects

Speaker: Goal Leaders

presented to
TRCC



Department of Health

**Traffic Records Coordinating Council
Project Update**

EMS Field Data Collection



February 4, 2022

EMS Field Data Collection

Ty Carhart
Project Director

Brenda Clotfelter
Project Manager

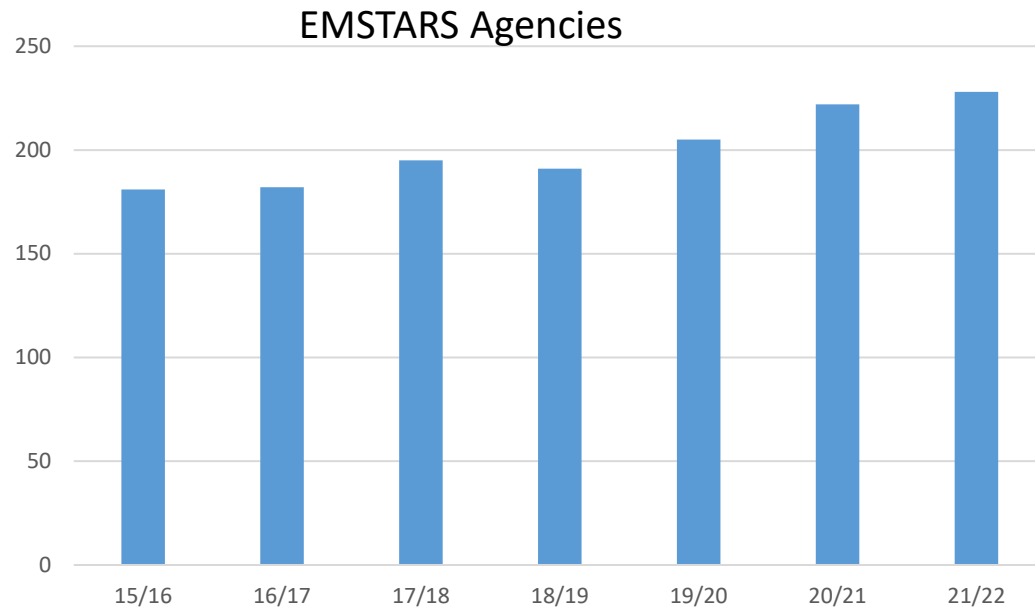
Florida Department of Health



FY 21/22 Objectives

Completeness

Increase % of EMS agencies submitting to state incident level repository to 90% by 9/30/22



76.49% *up .49%*

302 total agencies
231 in EMSTARS (up 3, one agency reports under another agency license)
72 in Aggregate (up 2))



FY 21/22 Objectives

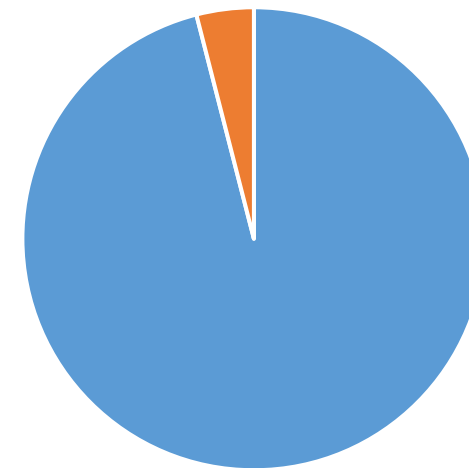
Completeness

Increase % of EMS emergency run reports submissions to the state repository to 98% by September 30, 2022.

98.68%

Note: Data Committee is now monitoring measures of all types of runs, not just 911

2021
Emergency Runs only



■ EMSTARS ■ Aggregate

2021 Total 911 – 4,064,450
EMSTARS 3,915,586
Aggregate 148,864



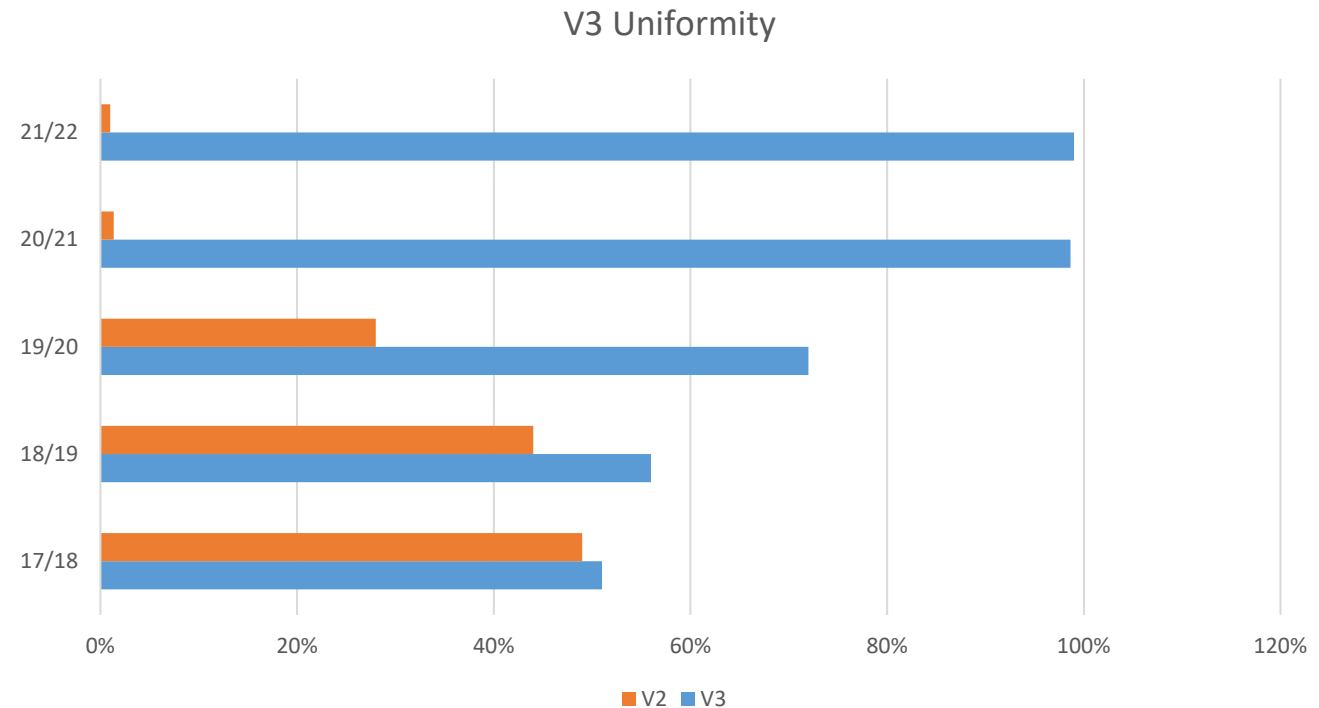
FY 21/22 Objectives

Uniformity

Increase % of EMS emergency run reports submitted in compliance with NEMSIS Version 3 to 80% by September 30, 2022

99.57% ↑ .57

V3.4 = 230 - 99.57% of all EMSTARS
V1.4 = 1



FY 21/22 Objectives

Completeness



Participate in NEMESIS Technical Advisory Conference and NASEMSO annual meetings to finalize the implementation strategy for National Standards.

- **Participate in Technical advisory calls – biweekly**

Conduct four EMS Advisory Council Data Committee worksessions to continue maintaining Florida data standards, business rules and implementation best practices consistent with NEMESIS.

- **EMSAC Data Committee – 1/18/22**

FY 21/22 OBJECTIVES

Accuracy

Monitor and report (quarterly) on a minimum of three data quality measures

Overall NEMESIS Data Quality

91%

- *Patient Information* 97%
- *Cardiac Arrest* 91%
- *Valid System Times* 98%
- *Cause of Injury* **78%***
- *Clinical Times Recorded* **79%***
- *Other incident Information* 98%

FY 21/22 Objectives

Uniformity

V3.4 extended to Jan 2024

Publish an approved Florida Data Dictionary and business rules for NEMESIS 3.5 by December 1, 2021.

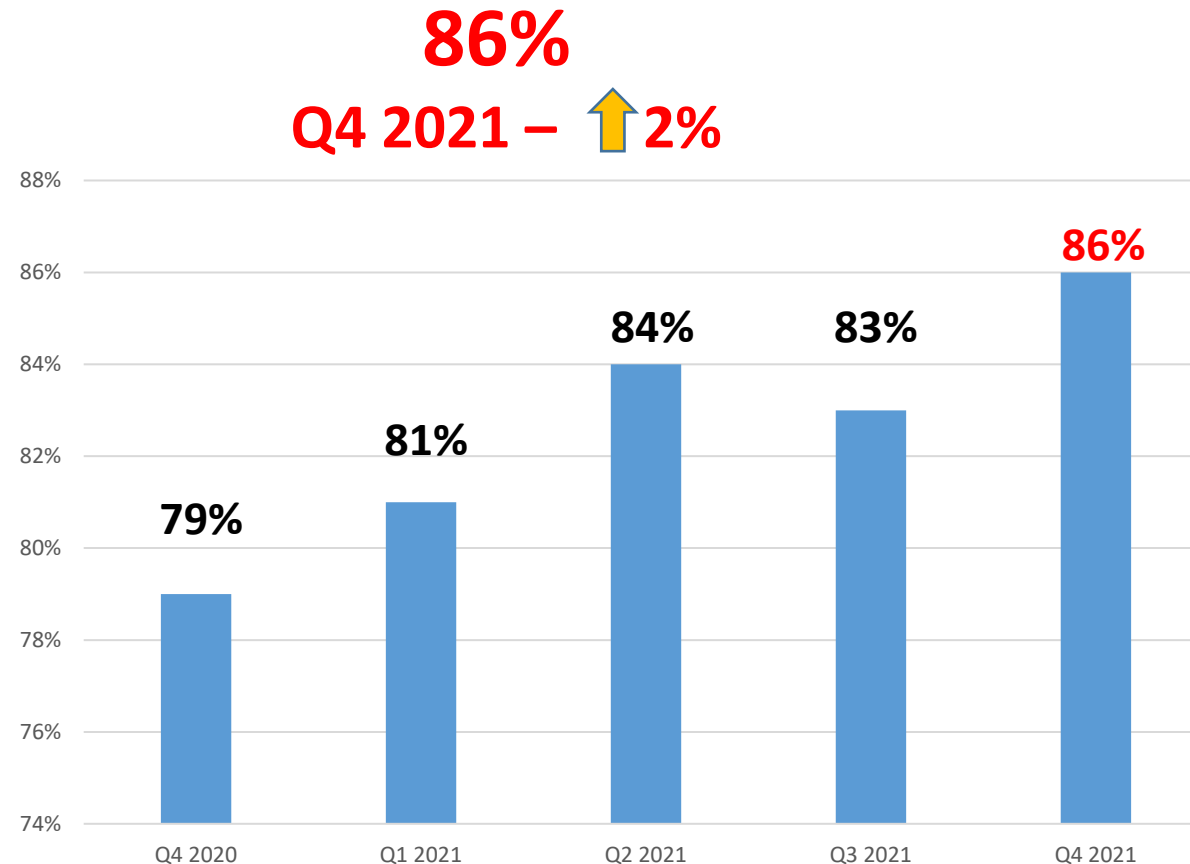
- **Data submission policy changes - January 2022**
- **Submission to Emergency Medical Services Advisory Board (EMSAC) for final adoption – February 2022**
- **Working with Vendors to ensure readiness**
- **Developing Implementation Tools for EMS agencies for transition**



FY 21/22 Objectives

Timeliness

**Increase % of V3
EMS emergency run
reports received
within 10 hours of
the run to 70% by
September 30, 2022**



FY 21/22 Objectives

Integration

Link two additional data sources to the EMS state repository by September 30, 2022.

Current within biospatial

- Health Information Exchange
- Crash Records – *need automated feed*
- ESSENSE Integration
- **ODMAP Integration**
- Trauma Data in biospatial - not linked



FY 21/22 Objectives

Accessibility

- Continuing to utilize BioSpatial for repository and data accessibility
- Implemented improvements to State EMS Strategic Measure Dashboards – *Site inspections are now based on EMS Measures*
- Working to provide additional dashboards for users



FY 22/23 Concept Proposal

Objectives

FY 22/23 Proposed Objectives

Completeness

These two objectives contribute to accomplishment of completeness objectives

- Increase % of EMS agencies submitting to state incident level repository to 90% by 9/30/23. *Current 76.49*
- Increase % of EMS emergency run reports to the state repository to 100% by September 30, 2023. *Current 98%*

- Participate in NEMSIS Technical Advisory Conference and NASEMSO annual meetings to finalize the implementation strategy for National Standards.
- Conduct four EMS Advisory Council Data Committee worksessions to continue maintaining Florida data standards, business rules and implementation best practices consistent with NEMSIS

FY 22/23 Proposed Objectives

Uniformity

- Increase % of EMS emergency run reports submitted in compliance with NEMSIS Version 3.5 to 50% by September 30, 2023
- Publish an update to the Florida Data Dictionary with business rules for NEMSIS 3.5 by September 30, 2023.

Accuracy

- Monitor and report (quarterly) on a minimum of three data quality measures in addition to the NEMSIS data quality measures by September 30, 2023 (*Measure Data quality around 3 State EMS Clinical Measures*)

FY 22/23 Proposed Objectives

Timeliness

- Increase % of V3 EMS emergency run reports received within 10 hours of the run to 95% by September 30, 2023 - *Current 86%*
- Increase % of Agency Demographic records resubmissions received every 30 days by September 30, 2023 – *benchmark tbd*

Integration

- Link two additional data sources to the EMS state repository by September 30, 2023.
Target
 - **Stroke Registry**
 - **Trauma Registry**

FY 22/23 Objectives

Accessibility – working to finalize objectives

- Continuing to utilize BioSpatial for repository and data accessibility
- Continue to implemented improvements to State EMS Strategic Measure
- Work with TRCC to determine accessibility needs of member agencies



FY 22/23 Projected Project Cost

Contractual Services - \$401,735
Expenses - \$ 8,670

Total \$410,405

 **\$1,570**

Questions

We appreciate your continued support

ELVIS

Electronic License and Vehicle
Information System

www.elvisflorida.org

ELVIS TRCC UPDATE February 3, 2022

Better Data, Safer Roads.

OR

Query Response FRQ [Add Comment](#) [Print Raw R](#)

Vehicle Registration


This registration may be expired.

Tag Number	State	Expires	
AAA10A	FL	06/30/2009	
VIN Number	Make		
TESTVIN1	FORD		
Year	Color	Style	
2000	RED	2D	
Decal	Use	Weight	Original
18164769/9	PRIVATE	3400	No

First Registered Owner

Full Name		
LICENSE, GALINDO-CLINE ONE PAO		
License Number	Sex	Date of Birth
L252294615010	F	01/01/1961

Driver Summary



Full Name	Status	
GALINDO-CLINE ONE PAO LICENSE	VALID LICE	
License Number	State	
L-252-294-61-501-0	FL	
Height	Race	Sex



FAMU-FSU
COLLEGE OF ENGINEERING

Grant funding provided by the
Florida Department of Transportation



Welcome!

Team Members

- Dr. Lisa Spainhour, Principal Investigator
- Zoe Williams, Program Manager
- Margaret Edwards, Systems Administrator
- Capt. Bud Dasher, Support

February 2022 Statistics

Current ELVIS Usage

- 233 Agencies
- 25,563 user accounts
- 3,651,690 queries run this fiscal year
- Approximately 913,000 queries per month
 - Increase of ~63,000 queries per month over September numbers

FY21-22

- **Completeness and Uniformity**

- As always, lots and lots of state parser fixes to keep up with changing state formats and ensure elements parse correctly from each state

- **Accuracy and Integration**

- Integration with external crash and citation vendors to improve data accuracy
 - Mark43
 - Implemented at Ft Myers PD, Miami Gardens PD, and Miramar PD
 - Tyler Technologies (New World)
 - In Discussion/Development
 - LexisNexis
 - Implementing this month with Miami Beach Police Department
 - FINDER integration supports agencies searching state-wide records and encourages ELVIS use agency-wide

- **Accessibility**

- New agencies continue to be brought on board
 - Escambia County Sheriff's Office
 - Lee County Port Authority Police Department
 - DFS Division of Investigative & Forensic Services
 - Moving from exclusively user-based access levels to user roles (Patrol, Dispatch)
 - Seminole County SO backup site implementation scheduled for 2022
 - Last FY up-time was 99.51% averaged over the entire year
 - Expand API to include additional vendors and standardized export
 - NIBRS/FIBRS, NCIC code values

FY22-23 Looking Ahead

- **Completeness and Uniformity**

- As always, lots and lots of state parser fixes to keep up with changing state formats and ensure elements parse correctly from each state

- **Accuracy and Integration**

- Integration with external crash and citation vendors to improve data accuracy

- **Accessibility**

- New agencies continue to be brought on board
- Expand API to include additional vendors and standardized export

Florida Driver History via FCIC/NCIC

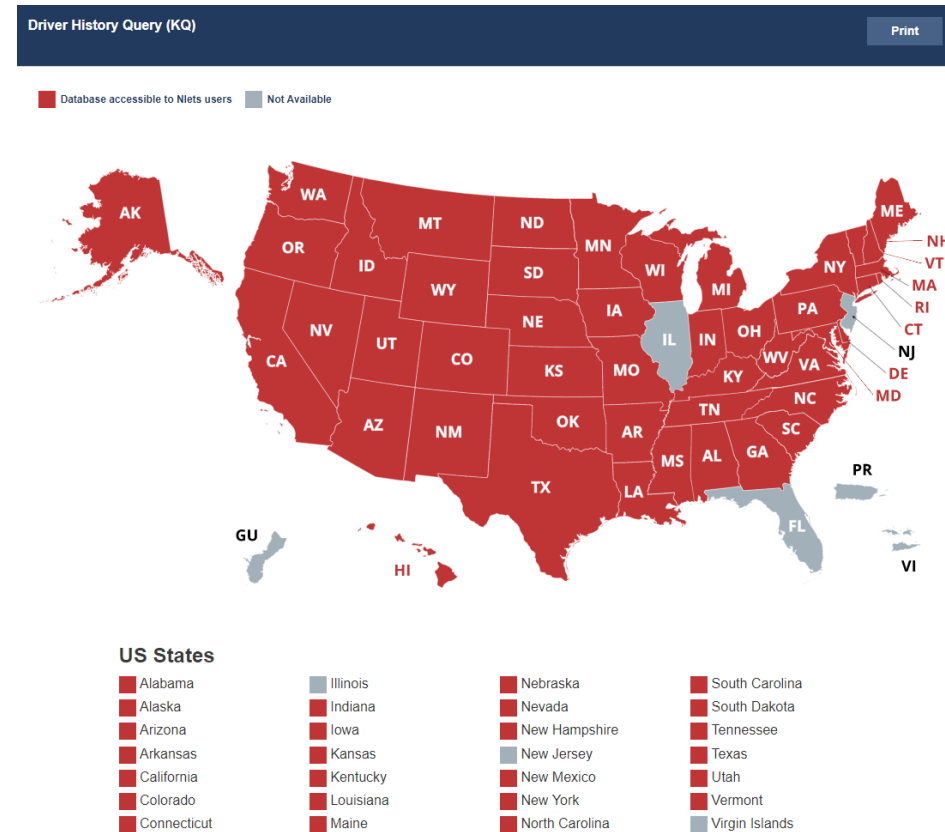
Single most requested feature

Driver History is provided by most states through NLETS

FDLE already supports the KQ query through FCIC/NCIC

Driver History is used to determine the proper charging statute on some offenses

Florida Driver History is only available through DAVID

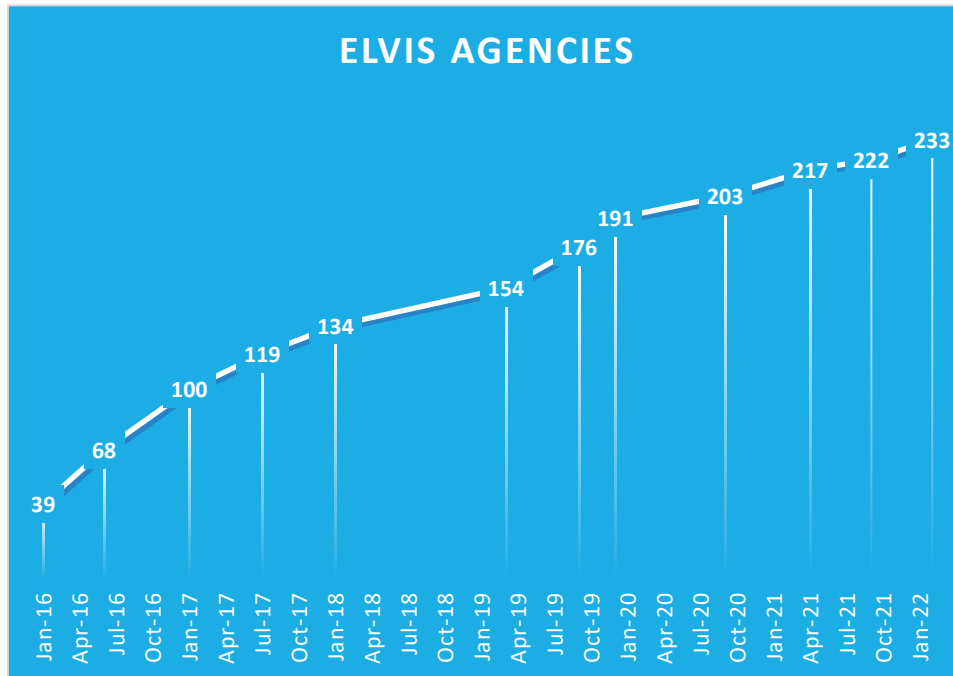


Source: <https://www.nlets.org/our-members/services>

ELVIS Usage over time, 2016-Present

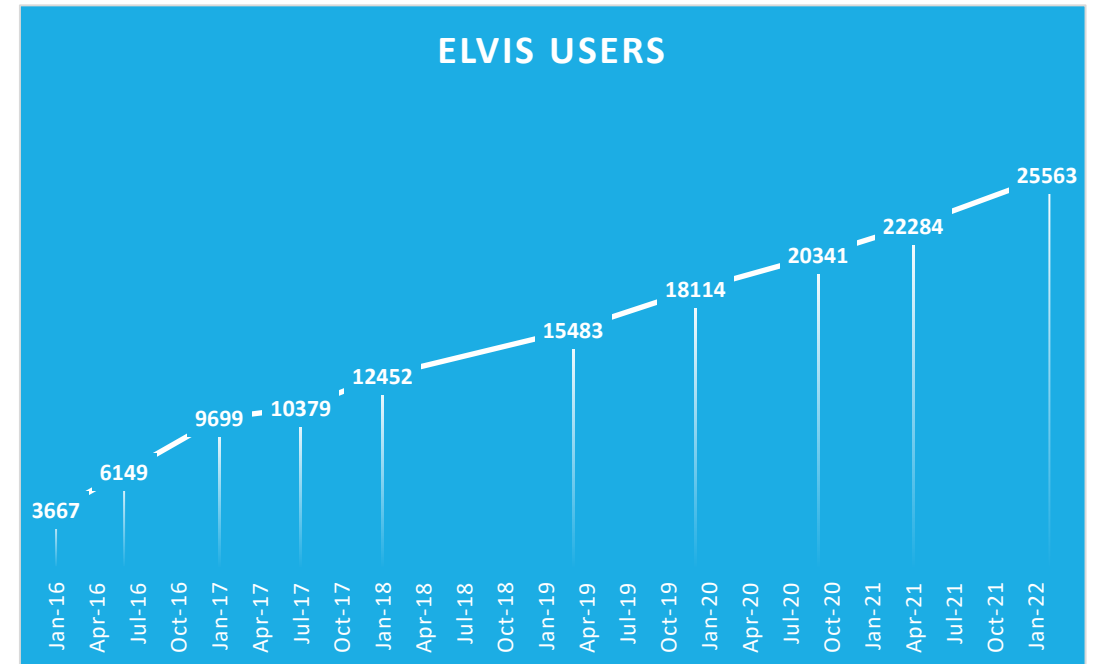
Law Enforcement Agencies

- 1/2016: 39
- 2/2022: 233



User Accounts

- 1/2016: 3,667
- 2/2022: 25,563

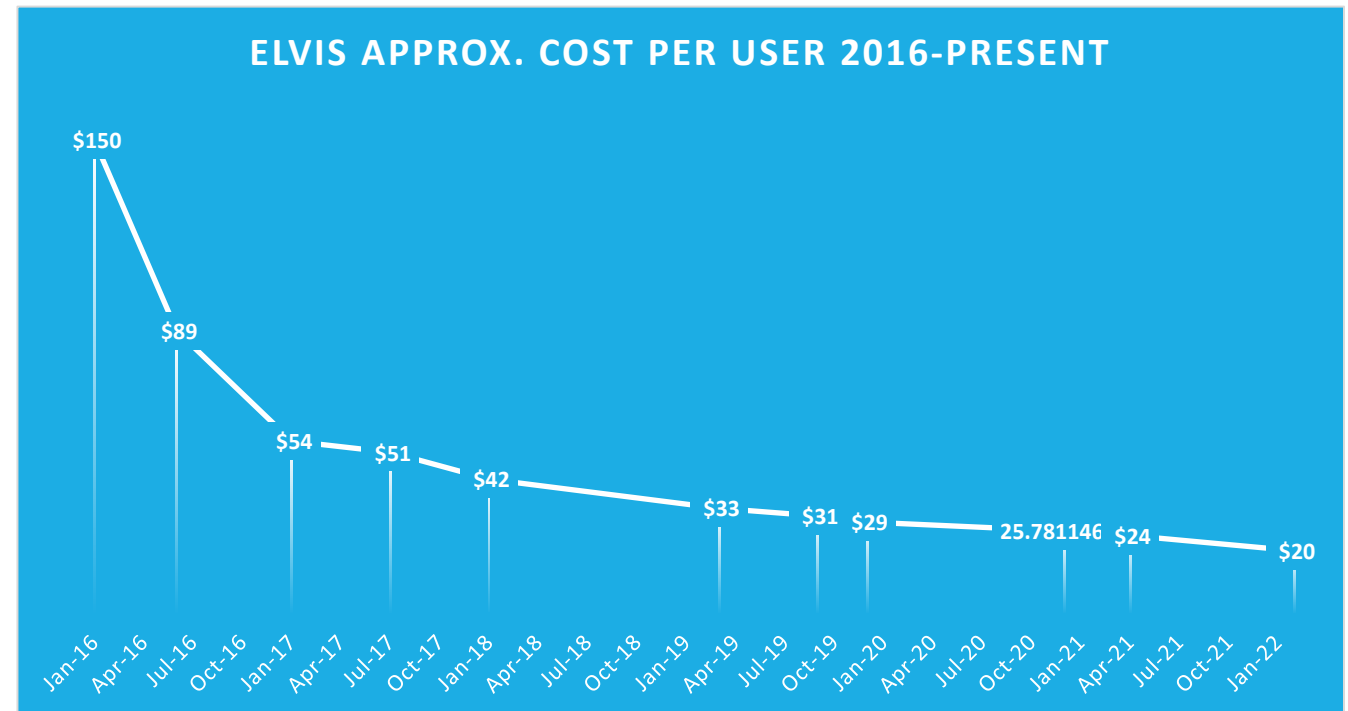


ELVIS Cost per User

FY21-22 Total Funding Request: \$500,000

Total users (as of 2/3/22): 25,563

Avg. Cost Per User: \$20



Thank You

QUESTIONS?



FLORIDA STATE
UNIVERSITY

February 4, 2022

TRAFFIC AND CRIMINAL SOFTWARE



TraCS Team



Lisa Spainhour
Principal Investigator

Dr. Lisa Spainhour, PhD, PE is the Principal Investigator (PI), a Civil Engineering Professor, and Department Chair at Florida State University. She also is the Director for the [Center for Transportation and Public Safety](#).



Seth Bartee
System Administrator

Seth Bartee is the TraCS Florida System Administrator. He manages agency application servers and ensures data transmission is a success. He also oversees support and conducts training remotely and onsite.



Amy Pontillo
Program Manager / Systems Architect

Amy Pontillo, MIS is the Program Manager. She both plans the future goals and oversees the support, development and infrastructure of TraCS and its supporting applications in Florida. She also creates and submits concept papers and grants to keep the program funding ongoing.



Kathleen Perry
Support

Kathleen Perry is the TraCS Florida Support Specialist. She provides both troubleshooting and support to agencies across the state of Florida. She also assists agencies with creating on-the-fly ad-hoc reports and pivot tables so they can make better use of their data.

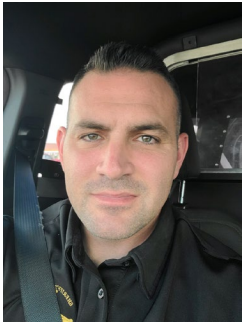


Jamie Ingalls
Application Developer & Designer

Jamie Ingalls is the TraCS Application Developer and Designer. He develops and manages the external applications that interface into TraCS. He also manages the interfaces for data sharing to state and local levels. He also serves as the Database Administrator.



TraCS Team (OPS)



Deputy Erick Day
Training, Documentation,
Testing



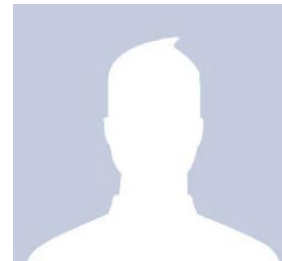
Officer David Hazelzet
Training, Documentation,
Testing



Mike Wilkinson
Network Architect



TBA
Grants & Finance

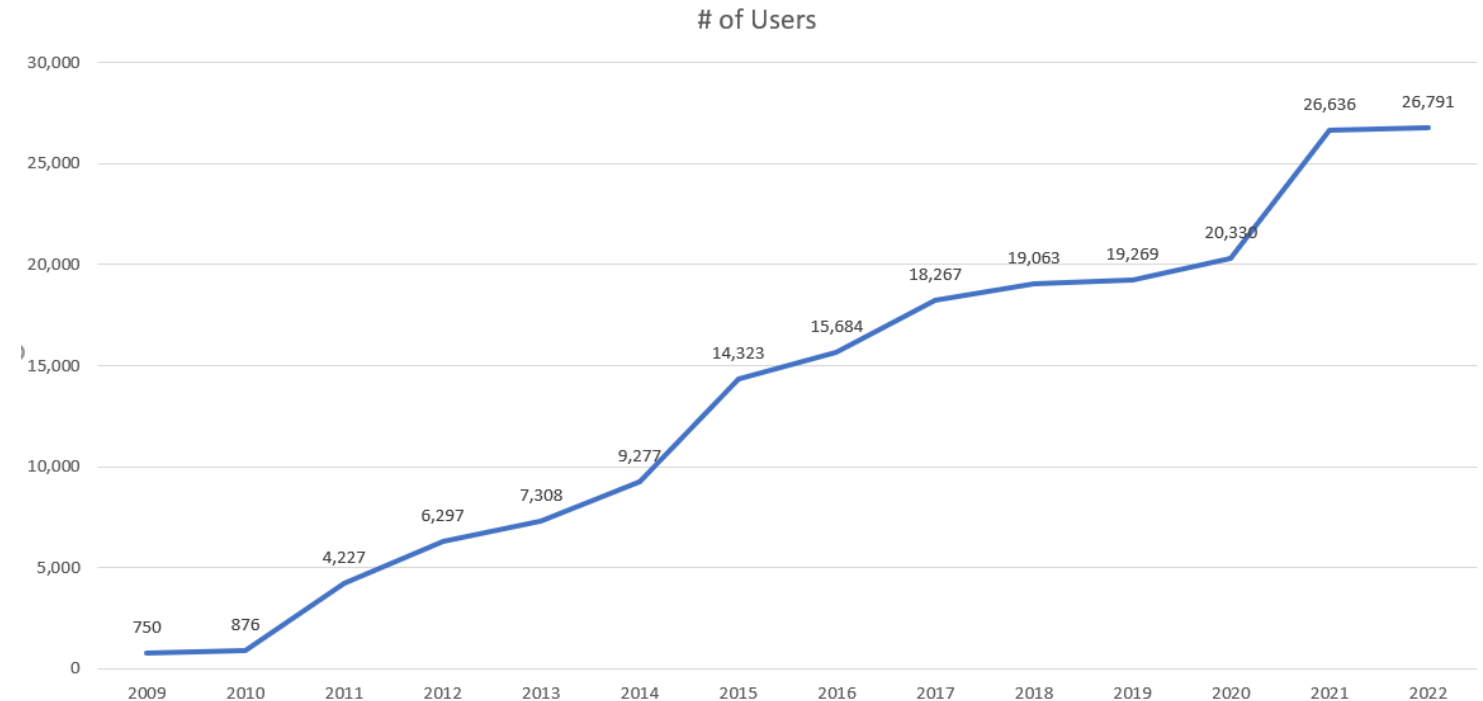


TBA
Junior Developer
& Quality Assurance



TraCS Growth - Users

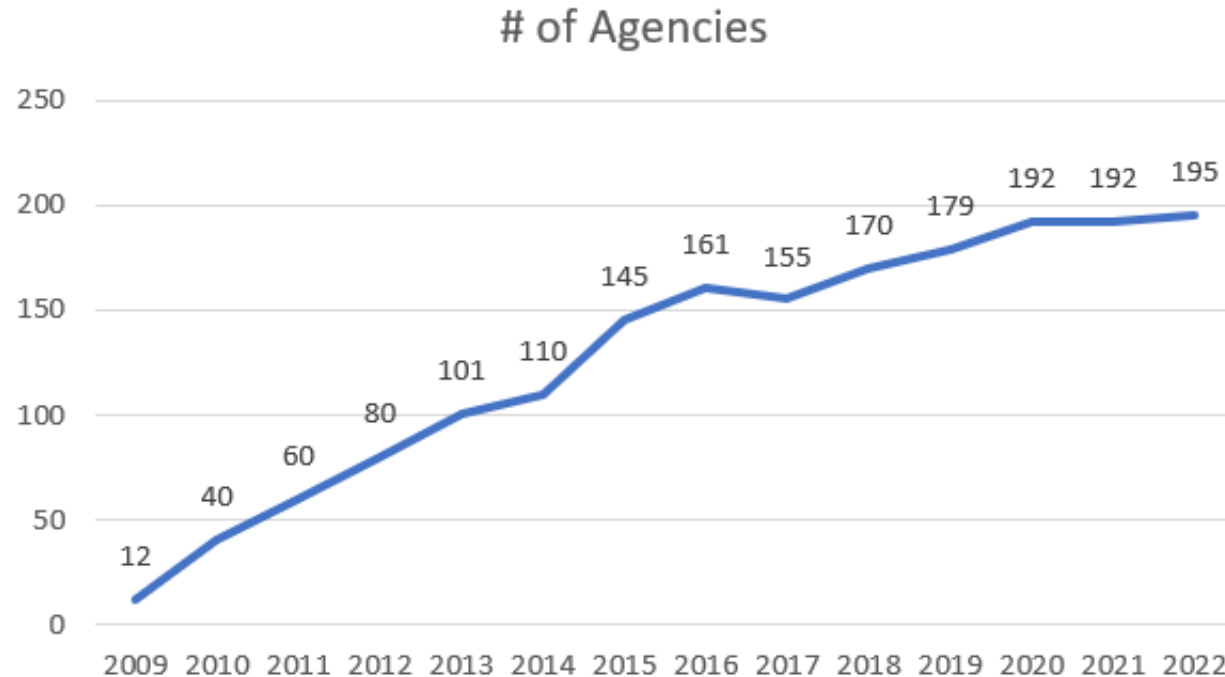
- Users
 - 2008: 750
 - 2022: 26,791





TraCS Growth - Agencies

- Agencies
 - 2008: 12
 - 2022: 195





FY 21-22, Q1

- 26,791 users (+155)
- 195 agencies (+3)
- 99.99% load success rate
- 69,862 crash reports loaded (+5,344)
- 37.34% of statewide crashes (+1.23%)
- 8.2 average load time (-1.2 days)
- 99.4% of agencies mandated to use the location tool



Objective 1: Timeliness

- To encourage TraCS agencies to maintain a low average delay between the initial crash date and the date on which the data is entered into state crash databases owned by DHSMV.
- Per statute, load time to state shouldn't exceed 10 days
- Between April and July 2021, TraCS enabled email alert notifications for hosted agencies to remind officers daily to submit unfinished reports.
 - Alerts start 24 hours after a crash report is started.
 - 5 non-Hosted agencies now have these alerts set up and 31 do not yet.
- Some agencies still go several months without submitting crash reports, which skews load rate.
- Quarter 1 (October 1 – December 31, 2021)
 - 8.2 days average load time (Q4: 9.3 days)



Objective 2: Accuracy

- To maintain the low number of load errors for crash reports submitted electronically to DHSMV using TraCS at less than one percent.
- Quarter 1 (October 1 – December 31)
 - 69,862 crash reports loaded (Q4: 64,518)
 - 99.99% load success rate (Q4: 99.99%)



Objective 3: Completeness

- To maintain or increase the total percentage of statewide **crash reports** submitted electronically by agencies using the TraCS Florida software.
- Quarter 1 (October 1, 2021-December 31, 2021)
 - 187,117 total crash reports submitted electronically across all agencies
 - 69,862 crash reports loaded (Q4: 64,518)
 - 37.34% of statewide crashes (Q4: 36.11%)
- To maintain or increase percentage of statewide **citation reports** submitted through TraCS
 - Currently not trackable



Objective 4: Uniformity

- To improve uniformity in data collection methods, such that additional data or procedural modifications at the level of the partner agency are not required.
 - HSMV edit checks on crash report & citation at the global level, so that all agencies collect data elements using the same definitions and procedures.
 - Working with HSMV & agencies on ACT reports received
 - Appendix C statute list updated on crash report & citation
 - October 1st changes released

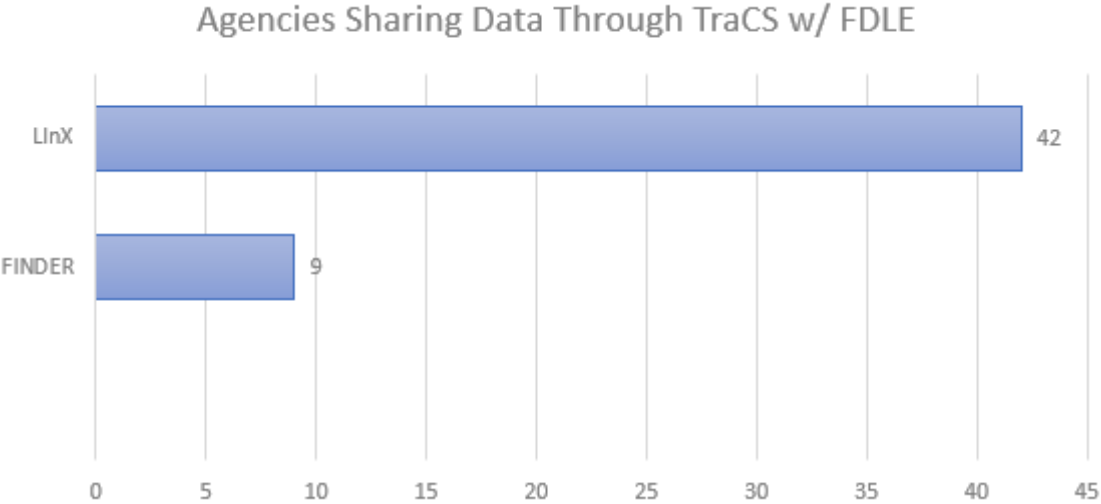


Objective 5: Integration

- To maintain the number of agencies using FCIC/NCIC interfaces.
 - 195 agencies using TraCS
 - 99% using FCIC/NCIC interfaces
- To increase the number of TraCS agencies using a location tool to plot accidents on the crash form.
 - 191 agencies using TraCS for crashes
 - 186 of these agencies mandate the location tool
 - 99.4% of **agencies** mandated
 - 155 agencies use TraCS for citations
 - 21 of these agencies mandate the location tool
 - 13.5% of **agencies** mandated



LInX/FINDER Participation





Objective 6: Accessibility

- To maintain a primary data hosting site
 - Hosting data for 158 agencies at Digital Systems Management (DSM)
- Databases are backed up to Panama City Police Department
 - Full backups nightly
 - Transaction logs every hour



New Agencies Q1-Q2

- Bradenton PD
- Bunnell PD
- Lake Helen PD
- Liberty County SO
- University of North Florida PD
- Fort Pierce PD



New Agencies – In Process

- Orlando Police Department
 - Building interfaces with records management system vendor
 - Production environment set up and agency is testing with 5 users
 - 766 officers
 - 13,829 crashes submitted in 2021
- Fort Lauderdale Police Department
 - Building interfaces with records management system vendor
 - 525 officers
 - 10,321 crashes submitted in 2021
- St Lucie County SO, Ft. Pierce PD, and Port St. Lucie PD
 - Projected training/go-live between April & June
 - 574 officers
 - 9,306 crashes submitted in 2021
- Note: Officer count obtained from FDLE:
<http://www.fdle.state.fl.us/CJSTC/Publications/CJAP/Statewide-Ratios.aspx>



FY 21-22 Development

- Continued development for existing forms
- Integration of the Drug Recognition and Evaluation (DRE) form
- Signal 4 Diagram Tool Integration
- Signal 4 Location Tool Integration
 - In progress
 - Additional data elements will be transmitted to Signal 4 to improve accuracy
 - Time of incident and time dispatched
 - Pre direction, post direction, street category code as required by FIBRS
- Transmit TraCS data to FDLE using new schema (Florida Incident-Based Reporting System (FIBRS))



FY 21-22 Support

- Still transitioning agencies to new UTC version
- Dependent on Clerk's ability to transmit using TCATS 6.1
- Deploying new releases
- Daily technical support

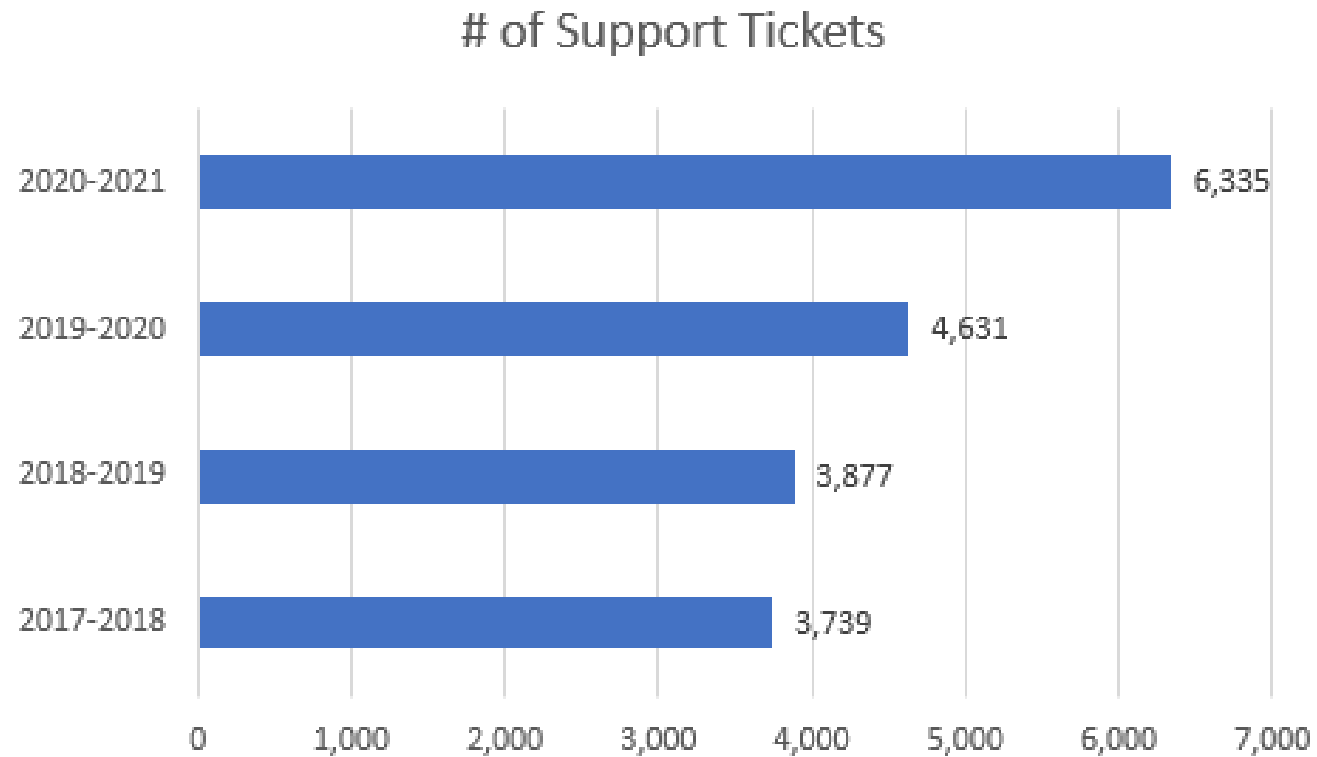


FY 21-22 Support

- Webinars
 - October 29th
 - TraCS records management features
 - Case Management
 - Master index searching
 - Involvements
 - November 5th
 - Changes to the Implied Consent and Refusal to Submit forms/reports
 - December 2nd
 - Posted crash training video to Help Desk page of TraCS website



Support Over the Years





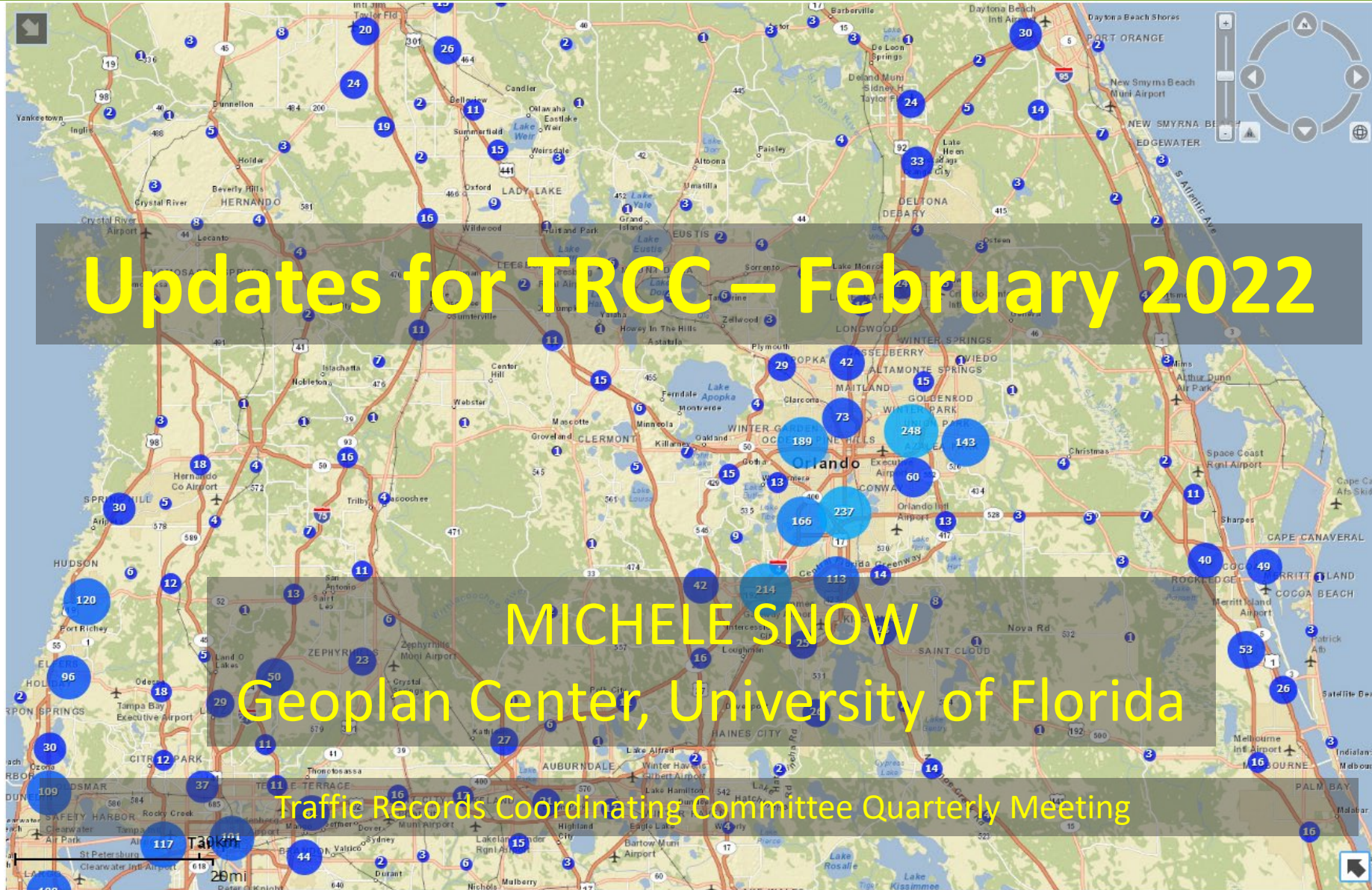
FY 22-23 Highlights

- Staff
 - Hire OPS support person
- Signal 4 Diagram Tool Integration
 - Deploy to agencies
- Signal 4 Location Tool Integration
 - Upgrade everyone to a TraCS version using version 3
- Citation
 - Test/implement transmissions of citation data directly to FCCC
- Crash
 - Begin work on new crash form using MMUCC 6th edition



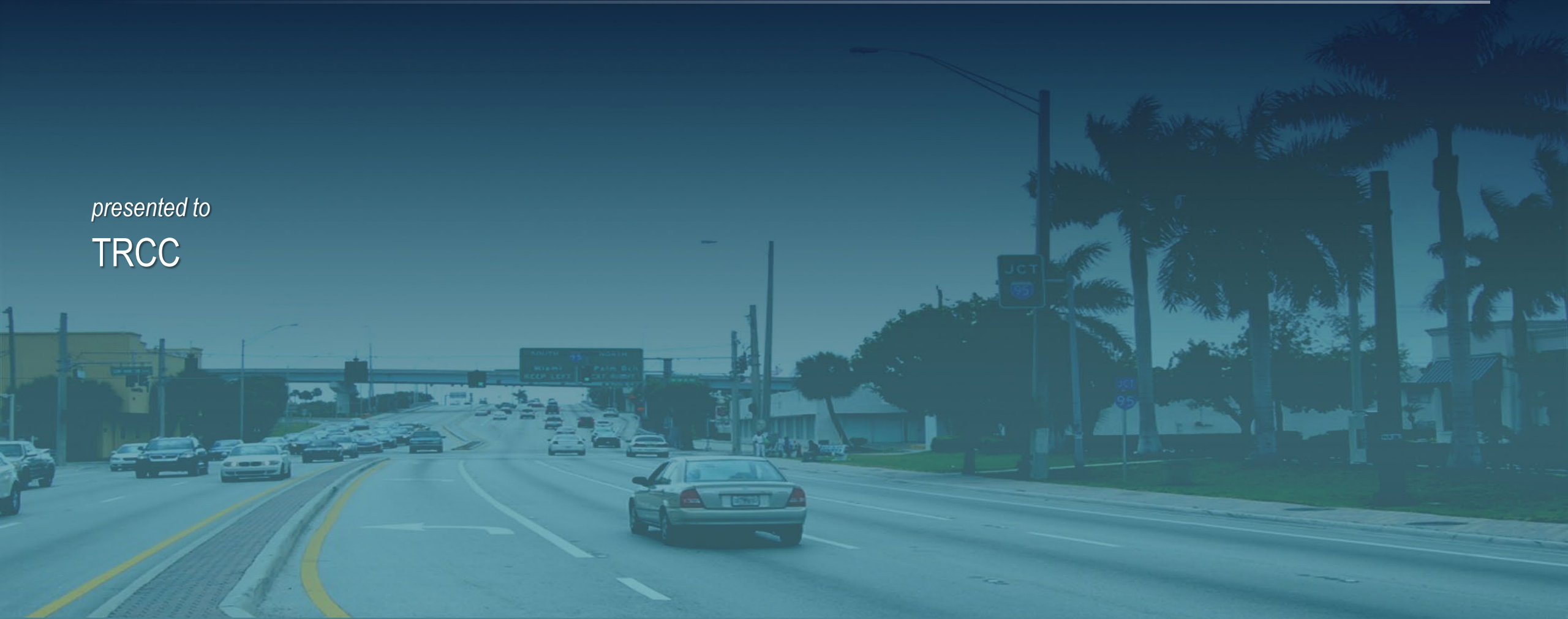
FLORIDA STATE
UNIVERSITY

**Thank you for your
continued support!**



Break

presented to
TRCC



Traffic and Criminal Software (TraCS) Demo

presented to
TRCC



Federal Reporting Requirement MIRE FDE

presented to
TRCC



Model Inventory of Roadway Elements (MIRE)

Federal Requirement per:

2012 Moving Ahead for Progress in the 21st Century Act (MAP-21)

2015 Fixing America's Surface Transportation Act (FAST Act)

“States shall incorporate specific quantifiable and measurable anticipated improvements for the collection of MIRE fundamental data elements into their Traffic Records Strategic Plan by **July 1, 2017**. States shall have access to a complete collection of the MIRE fundamental data elements on all public roads by **September 30, 2026**. [23 CFR 924.11(b)]”

What are the Model Inventory of Roadway Elements Fundamental Data Elements (MIRE FDE)?

- Recommended listing of roadway characteristics and traffic inventory elements critical to safety management
- Linked by location referencing system (LRS, lat/long)
- 37 Elements for all public roads - *Subset of the 205 MIRE*

Road Category	Number of Required MIRE-FDE Elements
Non-local paved roads	37
Local paved roads	9
Unpaved roads	5

FDOT Efforts & Next Steps

FLARIS/ARBM Contract Tasks aligned to FHWA's MIRE guidance:

- To develop and publish new releases of FLARIS with additional roadway and intersection MIRE attributes
- To provide roadway & intersection geo-editing training & support for MIRE
- Reviews and monitors efforts of other FDOT functional units assisting with the collection of MIRE attributes

Open Forum: Stakeholder & Member Updates and Sharing

presented to
TRCC



Public Comment Period

presented to
TRCC

Future Meeting Dates

March 11, 2022

Application Subcommittee Meeting: Review FY23 Projects

April 8, 2022

Executive Board Meeting: FY23 Projects (VOTING)

September 9, 2022

Status of FY23 Projects / Critical updates on Current (FY22) TR Projects

December 2, 2022

Critical updates on FY23 TR Projects

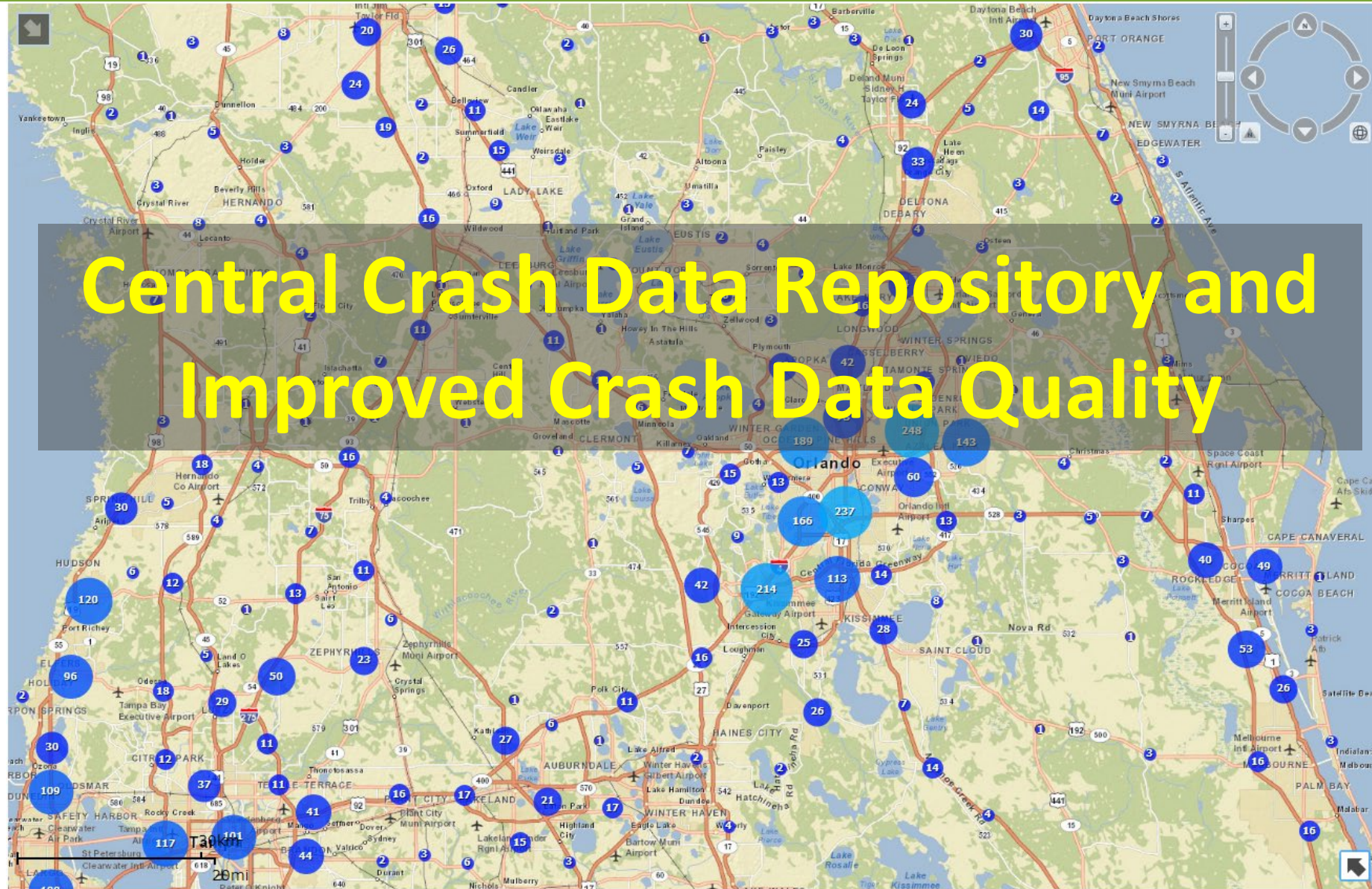
Future Date TBD (February)

Critical updates on FY23 TR Projects



Meeting Adjourned Thank you!

presented to
TRCC



Task 1:

Synchronize the FLHSMV & S4 crash databases

Light synchronization compares total counts. It has been completed. We develop monthly reports and address discrepancies when possible.

Communication and input from FLHSMV has been very helpful in maintaining light synchronization

Full/detailed synchronization will require about 30 variables to be calculated and compared

Currently pending FLHSMV IT support to complete full/detailed synchronization

Latest Comparison Report:

Year	Events	Non-Motorists	Vehicles	Drivers	Passengers	Violations
2022	0	0	0	0	0	0
2021	0	0	1	-6	0	-29
2020	0	0	1	1	0	-6
2019	0	0	-22	-20	0	-10
2018	0	0	-1	-6	-1	-6
2017	0	0	0	-2	0	-1
2016	0	0	-1	-3	0	4
2015	-1	0	2	-1	0	0
2014	0	-1	0	-31	-30	2
2013	0	0	-3	-3	-1	0
2012	0	0	0	-2	-14	-8
2011	-1	0	0	0	0	-17
HSMV Totals	6,971,640	252,854	13,467,944	12,359,116	4,580,385	4,580,385
S4 Totals	6,971,638	252,853	13,467,921	12,359,043	4,580,339	4,580,339

Table generated by Signal Four Analytics, shows the differences in number of records for each crash table between FLHSMV and S4 databases.

A negative number indicates that S4 has less records than FLHSMV and vice versa.

The differences greater than **5** are shown in **red**.

Task 2:

Eliminate duplicate storage of the crash reports at S4/FDOT

FLHSMV has provided the image service to stream individual and batch report images from FLHSMV servers

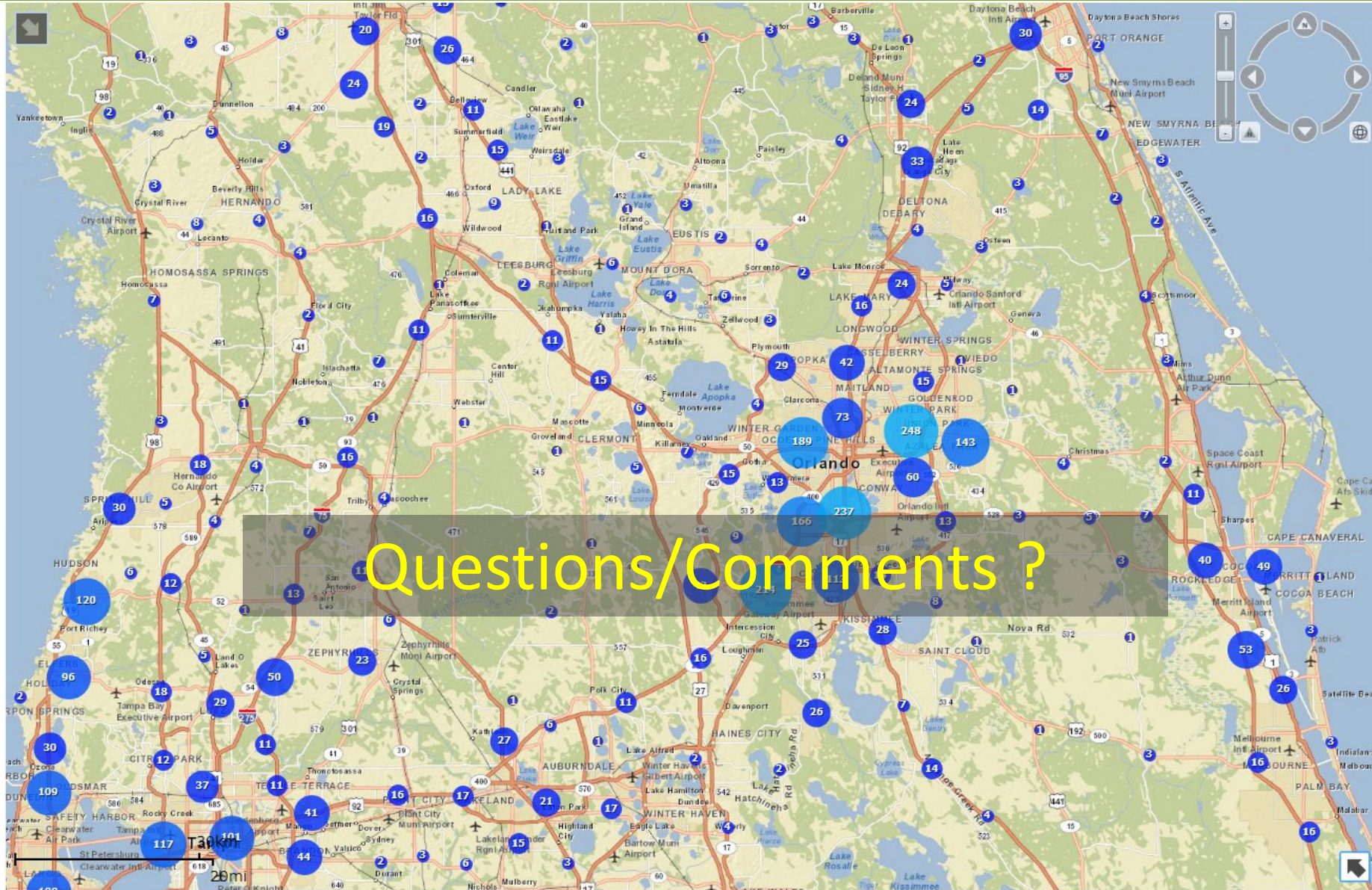
We have modified the image handler to load them into S4 Analytics.
Currently conducting testing.

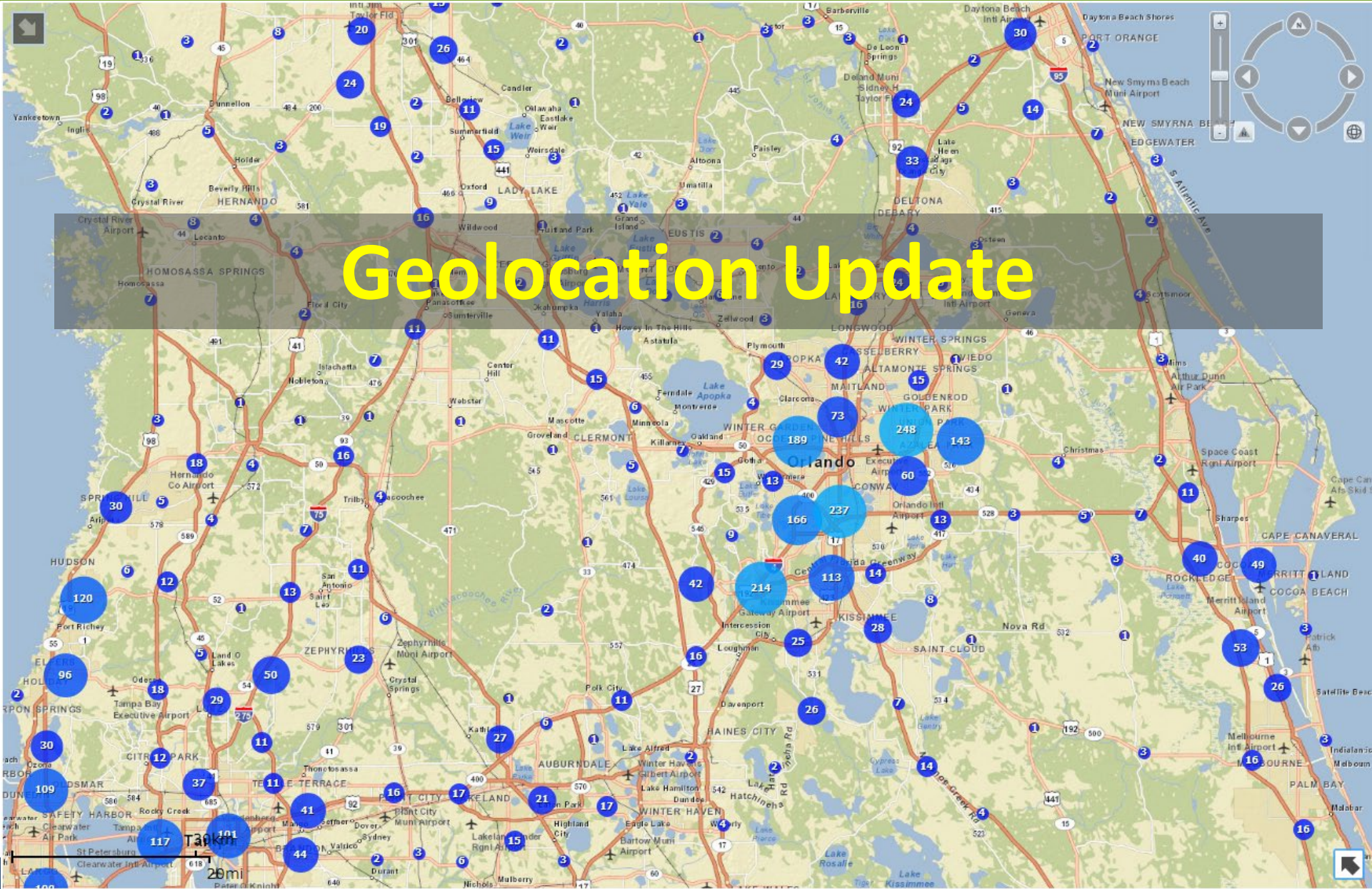
Expecting more coordination with FLHSMV IT to address performance and eventually move this to production

Task 3:

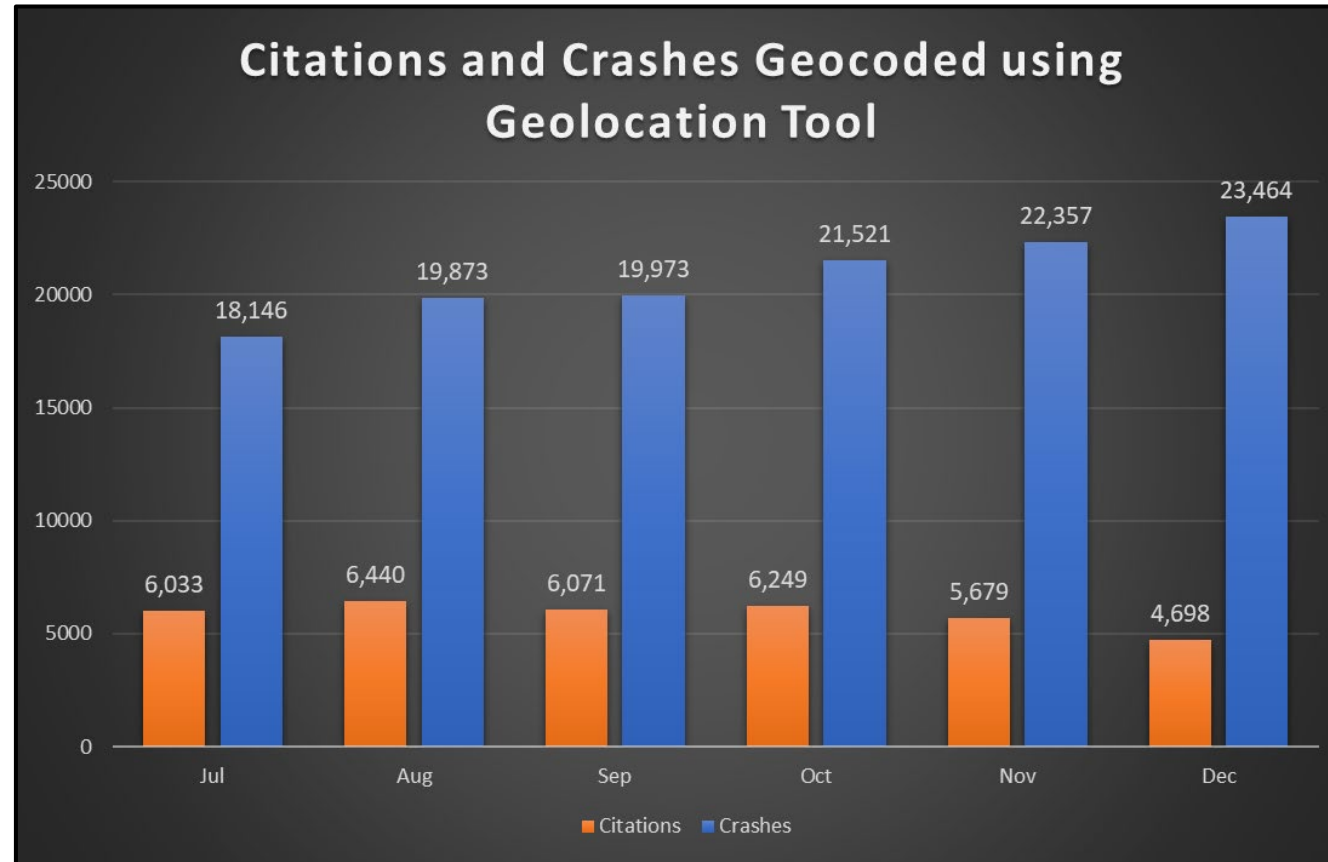
Improve FLHSMV process for storing crash diagrams to support high resolution aerial photography

We support FLHSMV with ongoing review and testing. Still work in progress





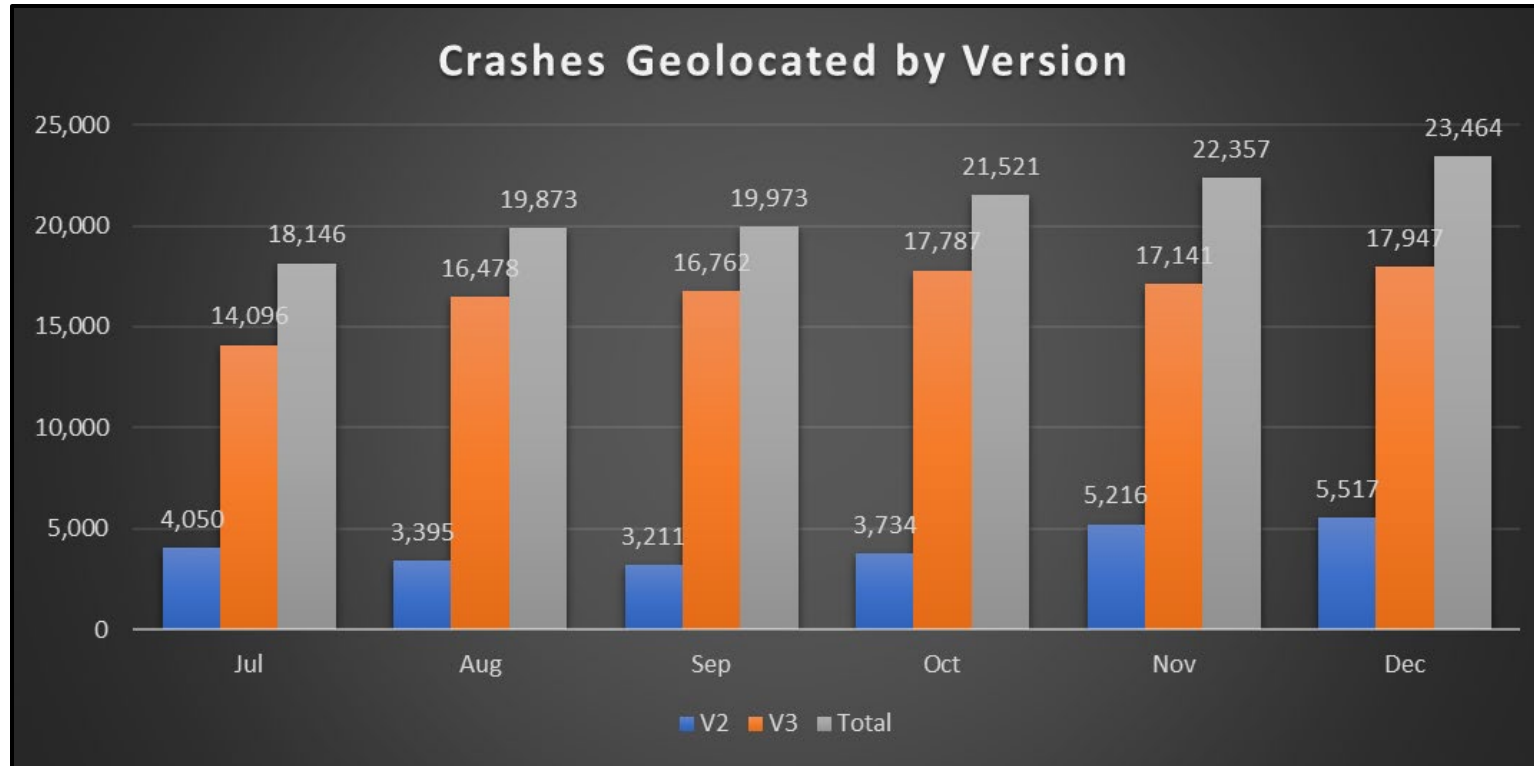
Overall Geolocation Tool Usage



July – December 2021

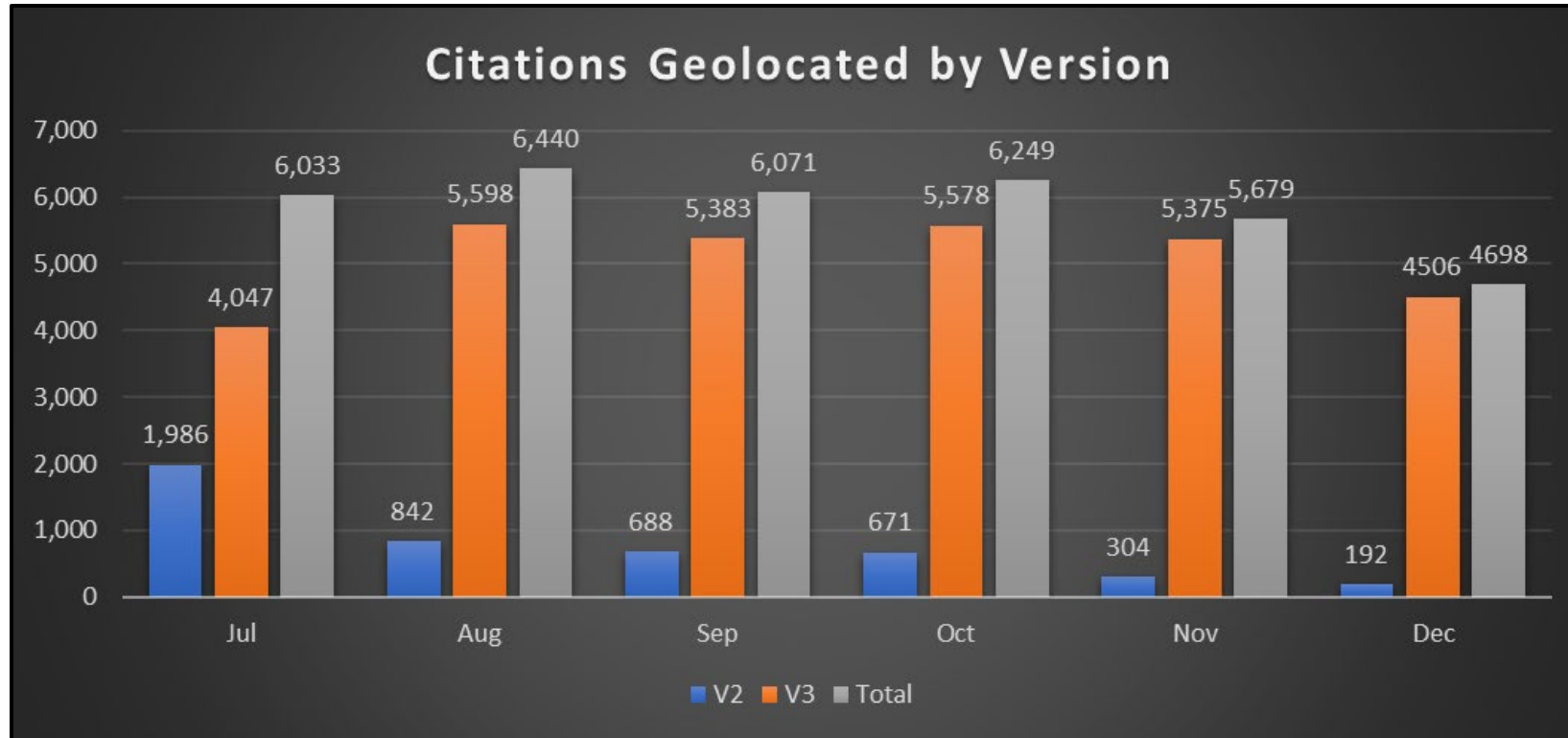
91% TraCS Geolocation Tool Mandated

Geolocation Tool Usage for Crashes



July – December 2021

Geolocation Tool Usage for Citations

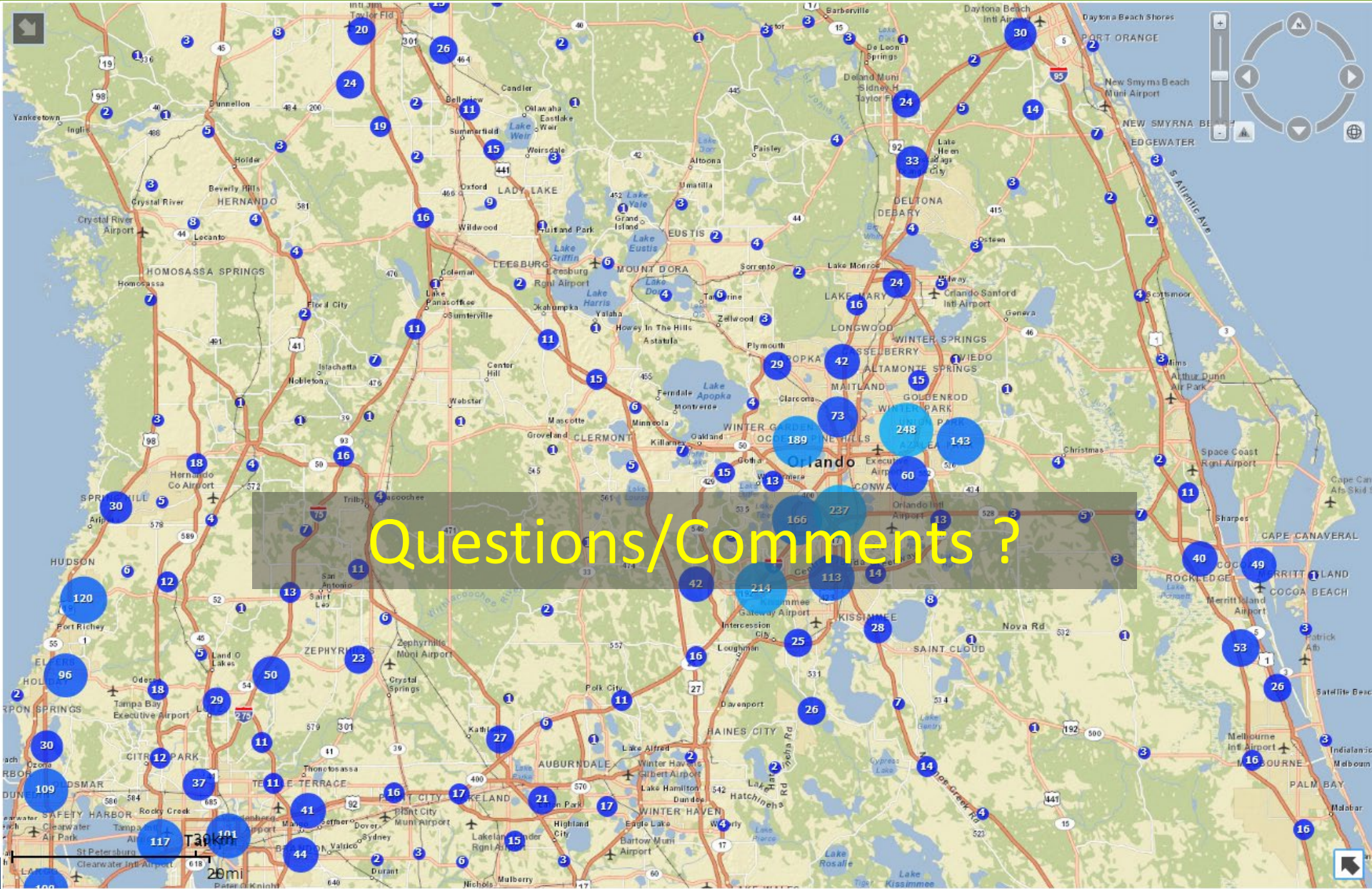


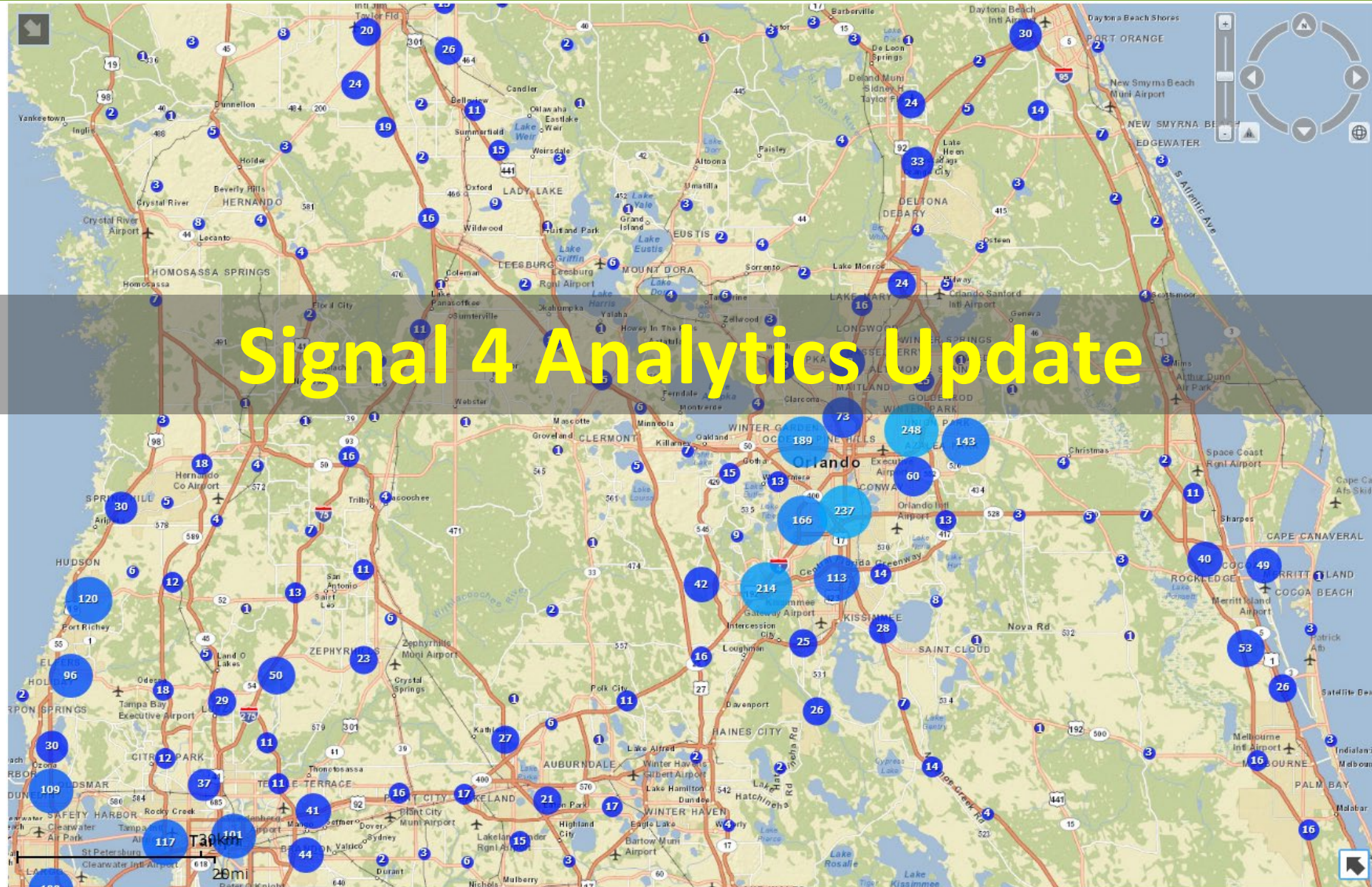
July – December 2021

Oncoing and Future Activities:

- Ongoing User Support and Coordination with TraCS
- Hired Technical Support position to help with training and outreach.
- Working with agencies that are still using V2 of the tool to migrate them to V3.
- Provide statistics to FLSHMV upon request.
- Continue to monitor the use of the tool by Jacksonville Sheriff's Office (using SmartCOP)
 - Initial observation are very promising
 - A quarterly report will be completed by mid February to assess usage
- Reach out to the rest of the SmartCOP agencies
- Continue to improve tool.

SIGNAL FOUR GEOLOCATION

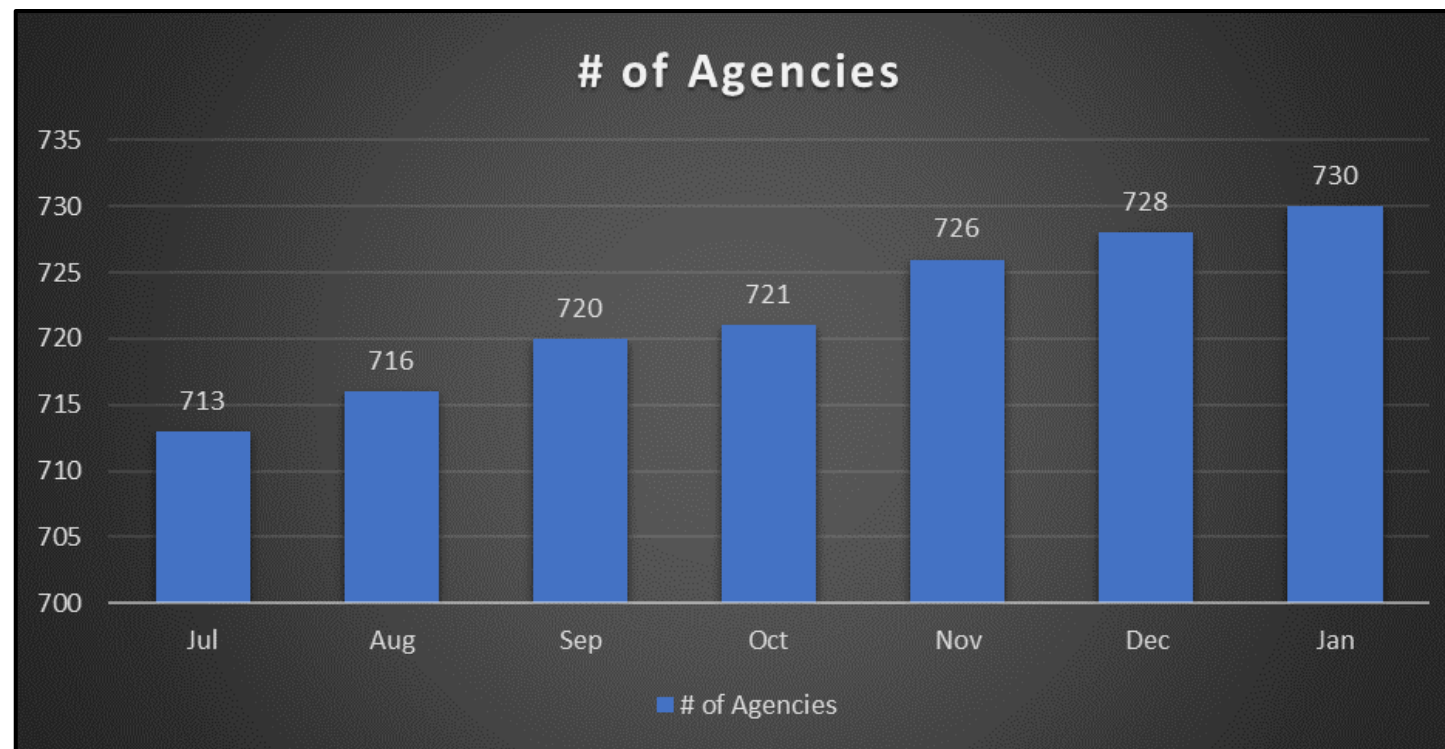




Signal Four Analytics:

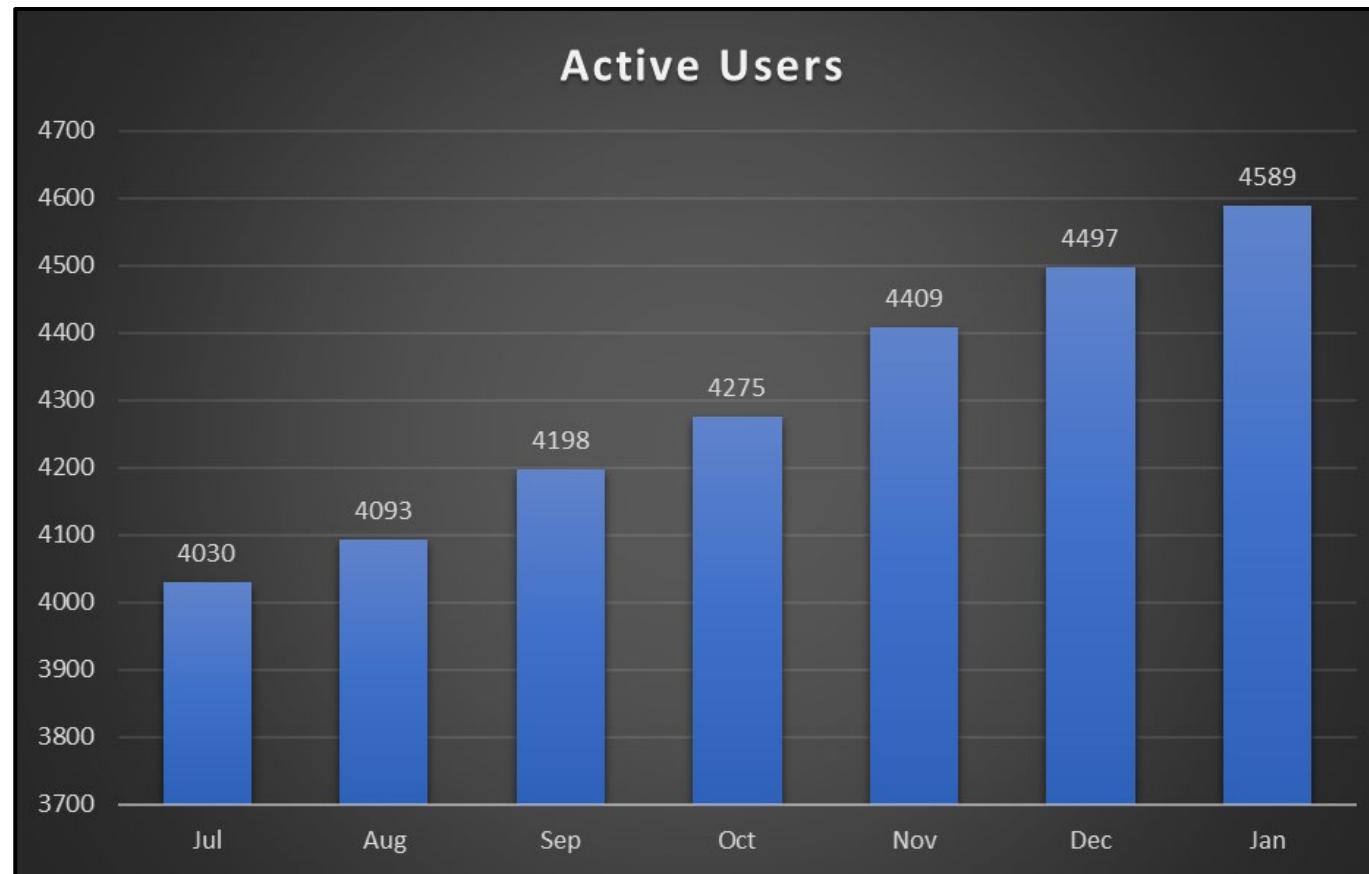
- A. Usage Statistics
- B. Features Completed Recap
- C. Features in Progress

Number of Agencies



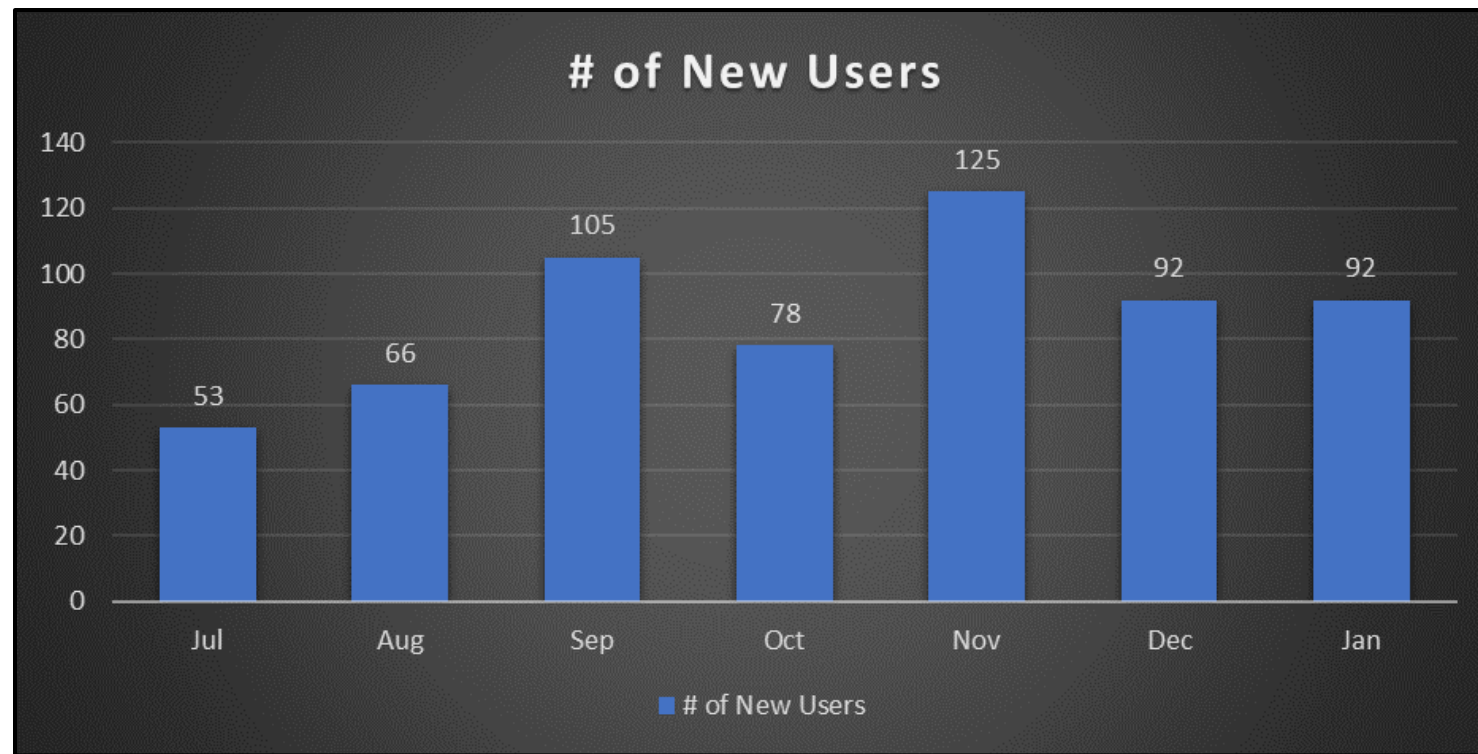
July 2021 – January 2022

Number of Active Users



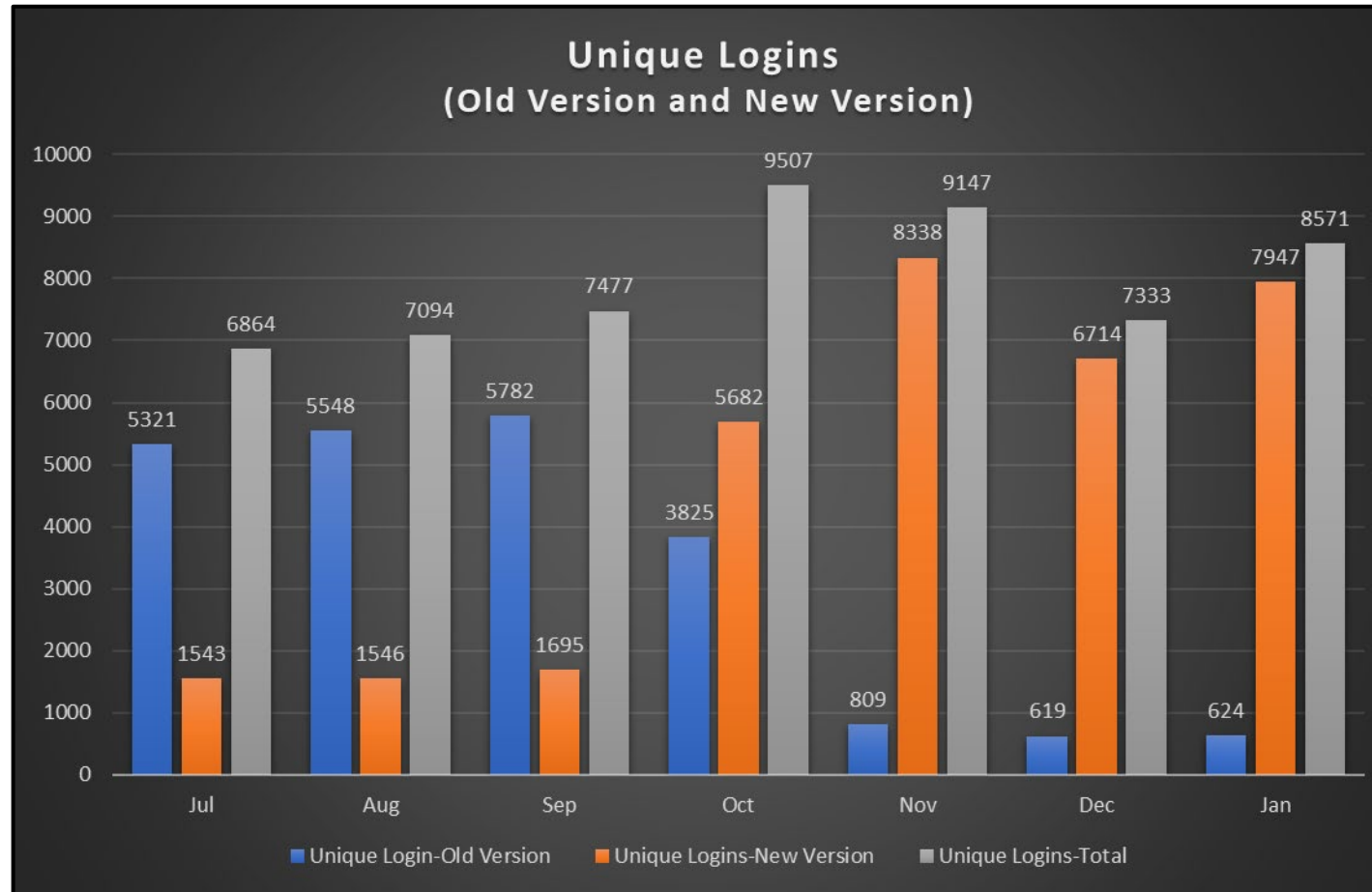
July 2021 – January 2022

New Users by Month

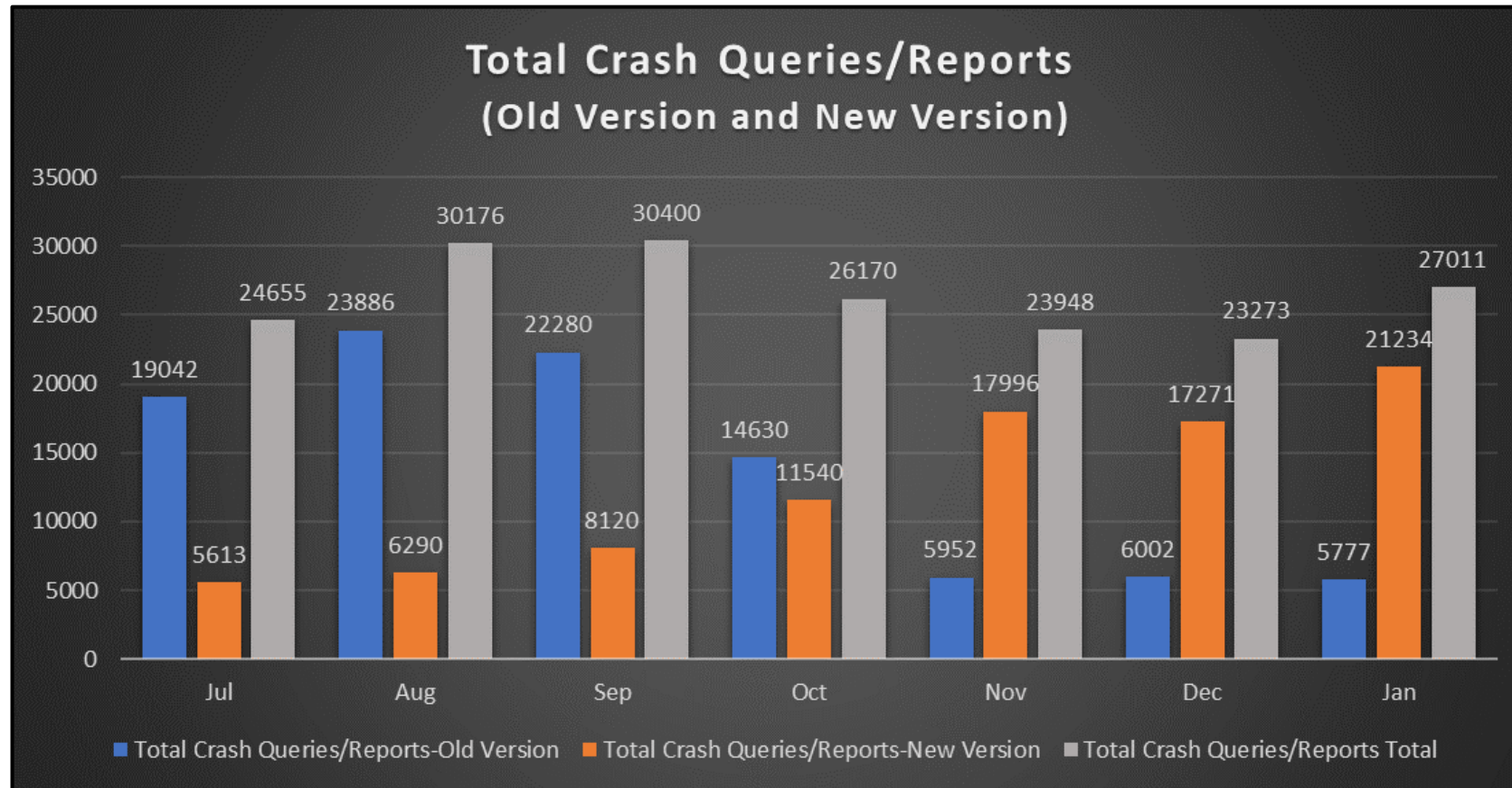


July 2021 – January 2022

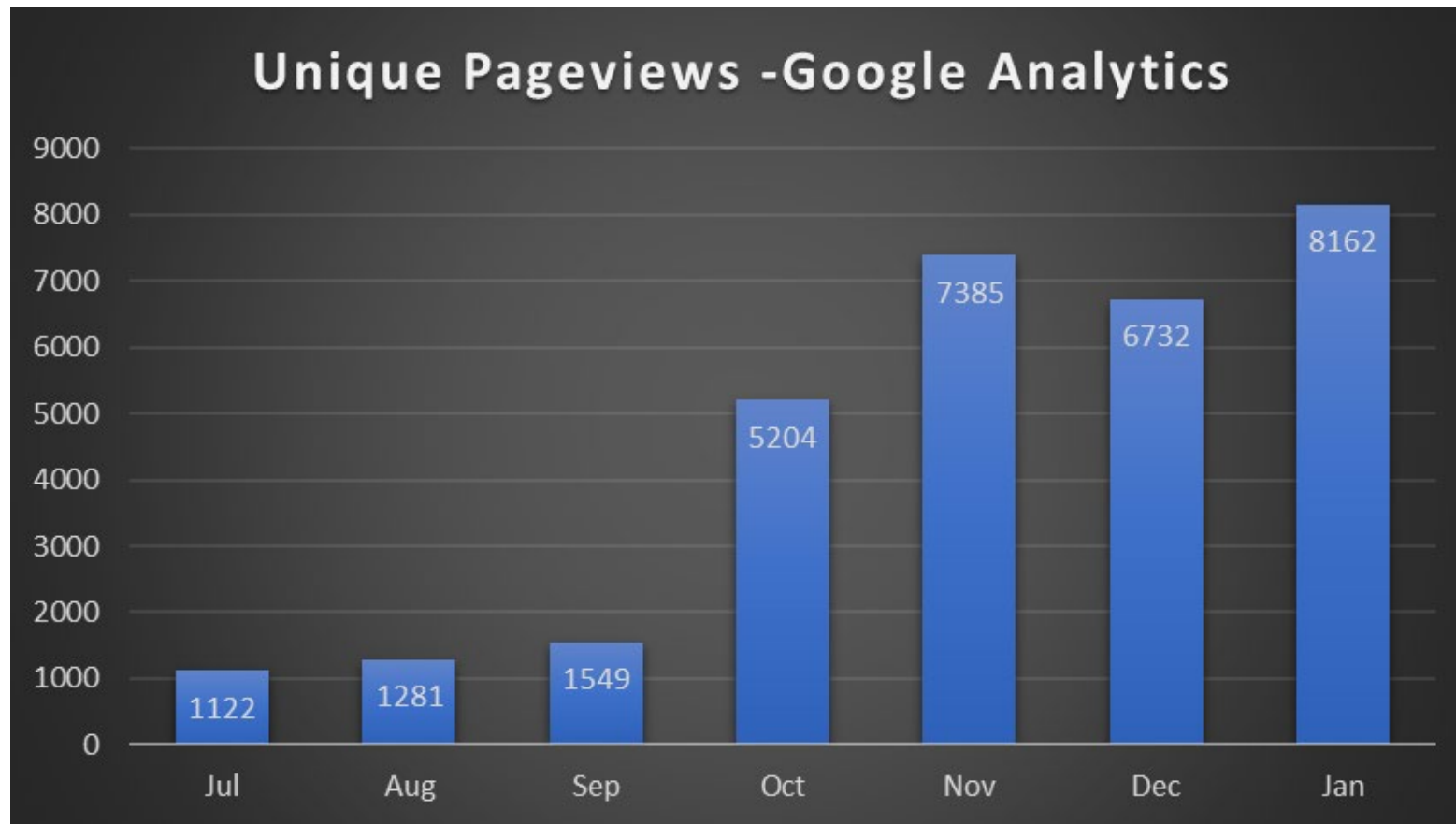
User Login Sessions



Number of Queries/Reports



Public Dashboard – Unique Pageviews



Source: Google Analytics

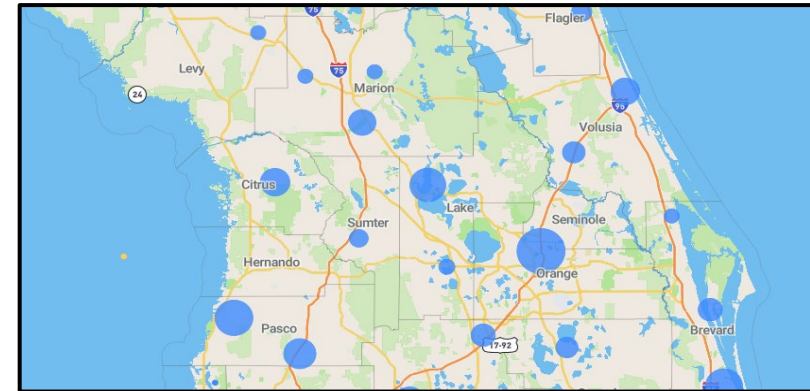
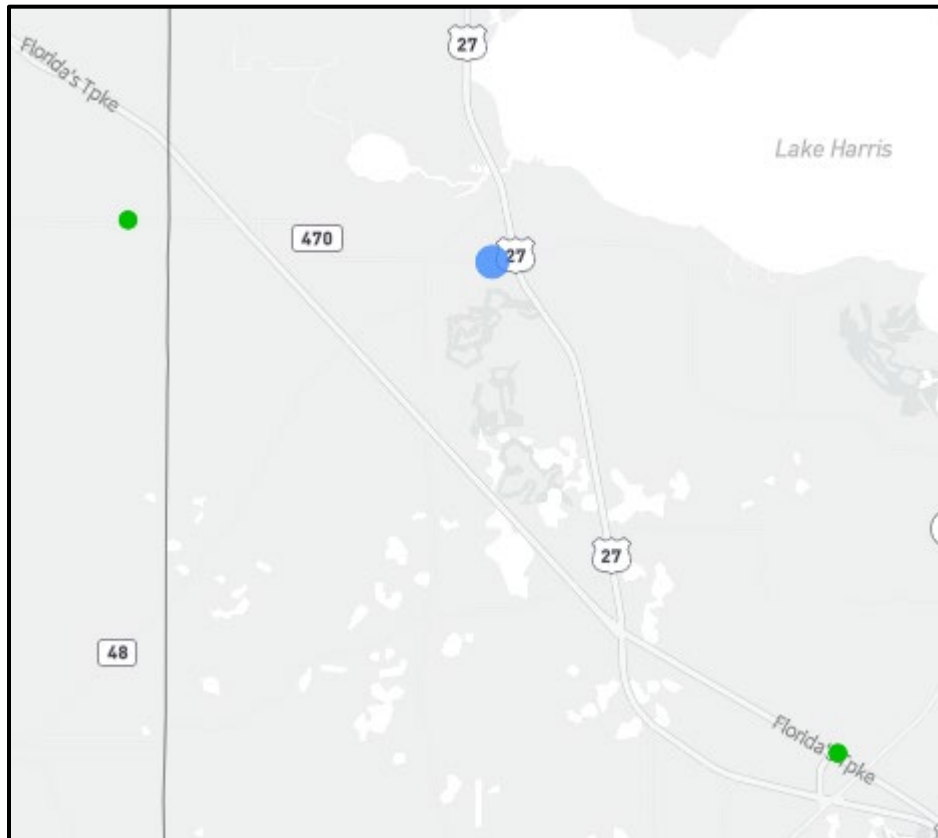
Unique Pageview: Number of sessions, page is viewed at least once.

New Features — Recap of Features Discussed Last Meeting

- Banner includes data dictionary.
- Login (Forget username, password), Request an Account
- Expanded Data Download (Record Search/Event Analysis)
- New Query (Expanded Filter Options) and Emphasis Area Query
- Network Type Options: Street/Intersection/Custom Network
- Expanded Time Period
- Map Visualization: Charts
- Multiple legends: Day/Night, Crash Severity (multipoint)

New Features-

Additional basemaps loaded: Satellite, Default (color), Grayscale



New Features-

Improvements to User Management Functionality

Show All Columns

Account Active

Username

First Name

Last Name

Suffix

Email

Agency

Vendor

Start Date

Expiration Date

Global Admin

User Manager

FDOT Admin

HSMV Admin

Geoloc Editor

Pbcat Editor

Guest

Report Access

County Access Scope

Hide Watermark

No Report Pwd Protect

Created By

Created Date

Last Modified By

Last Modified Date

Show All Columns

Columns

Account Active

First Name

Last Name

Suffix

Email

Agency

Contains

And

Contains

Clear

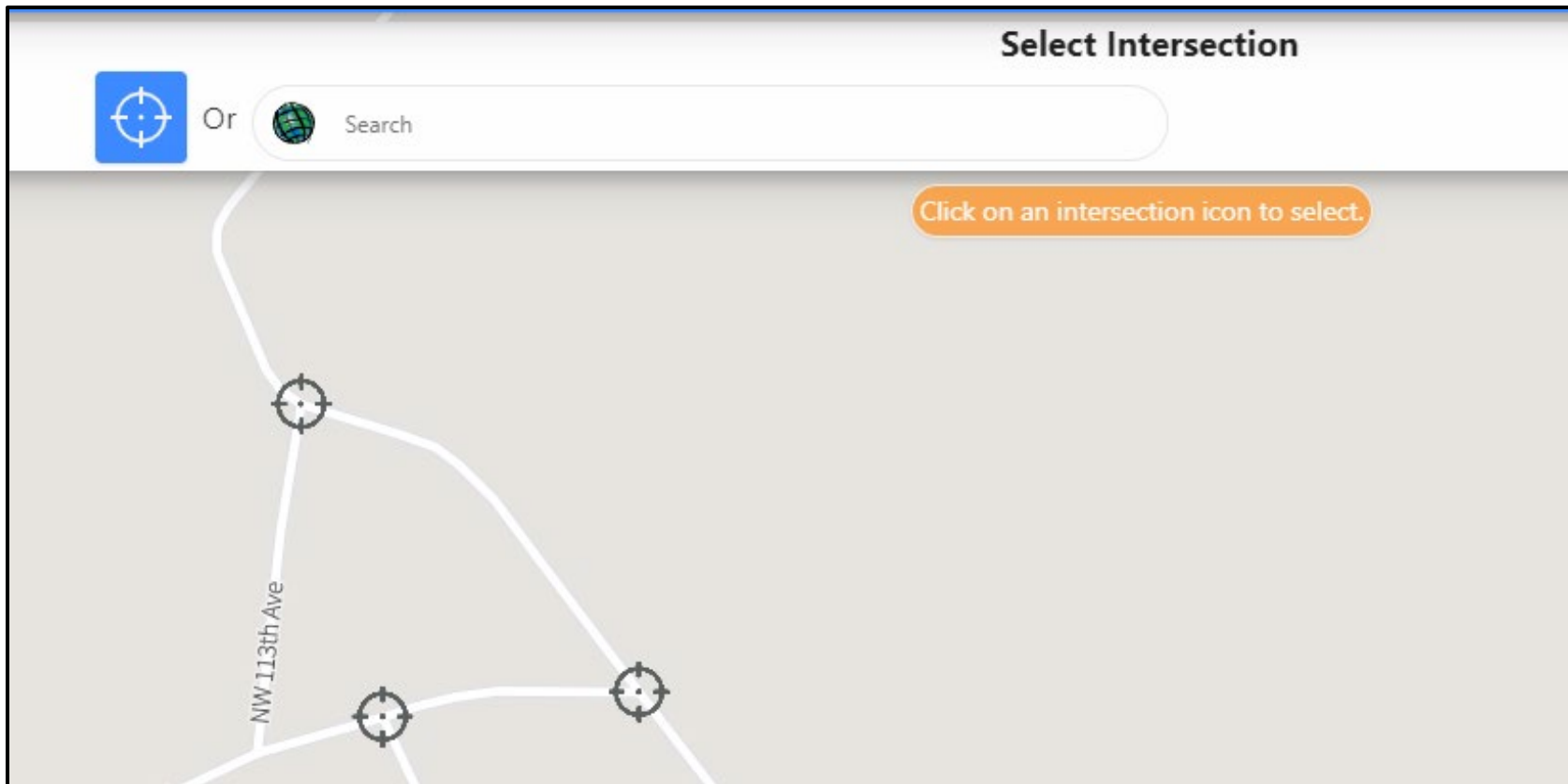
Filter

Filter Options: Date, Yes/No, Multiple select options

New Features-

Improvement to Custom Network

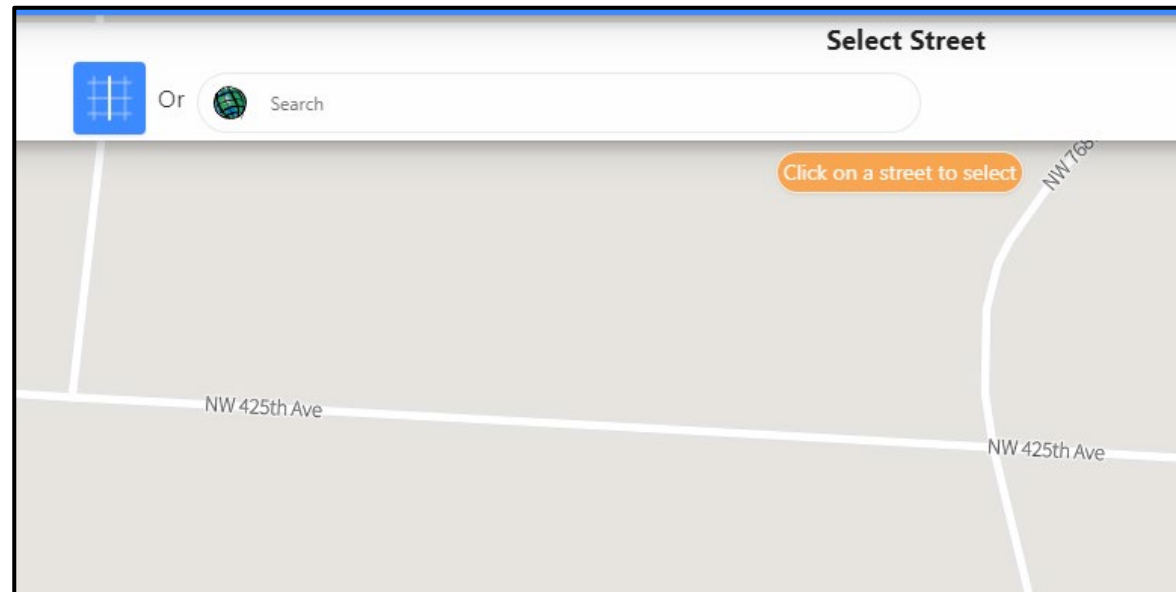
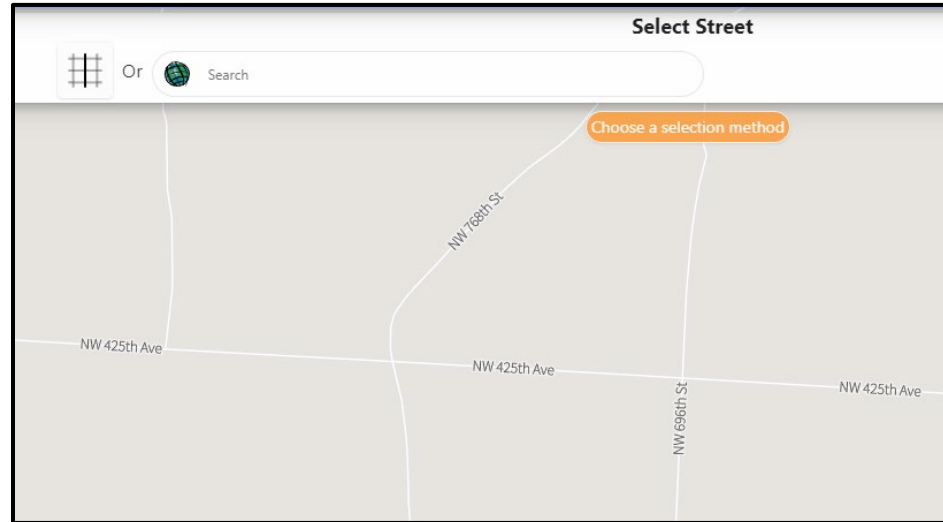
Intersection Filter Options: Type out intersection or select on map.



New Features-

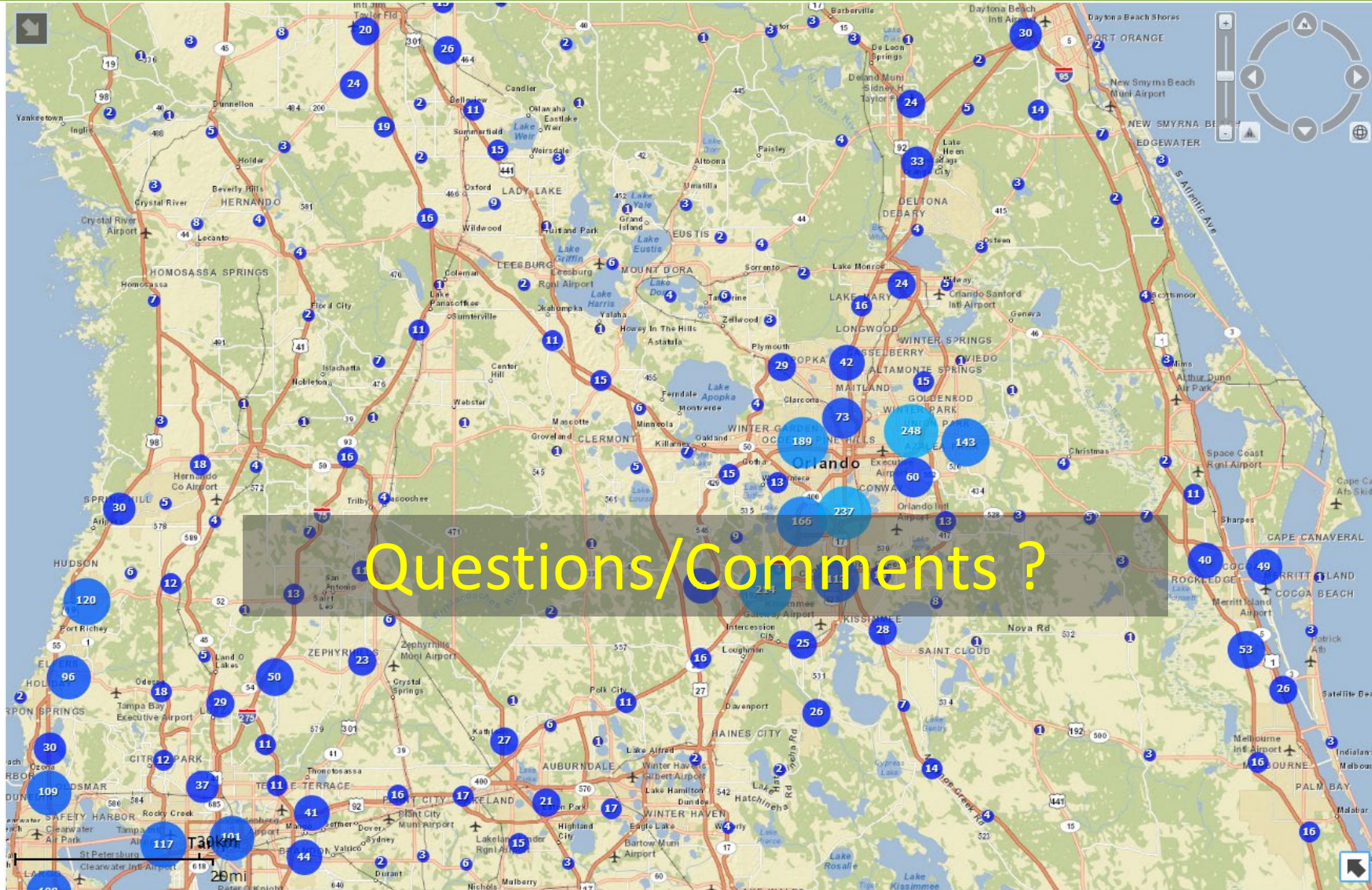
Street Filter Options:

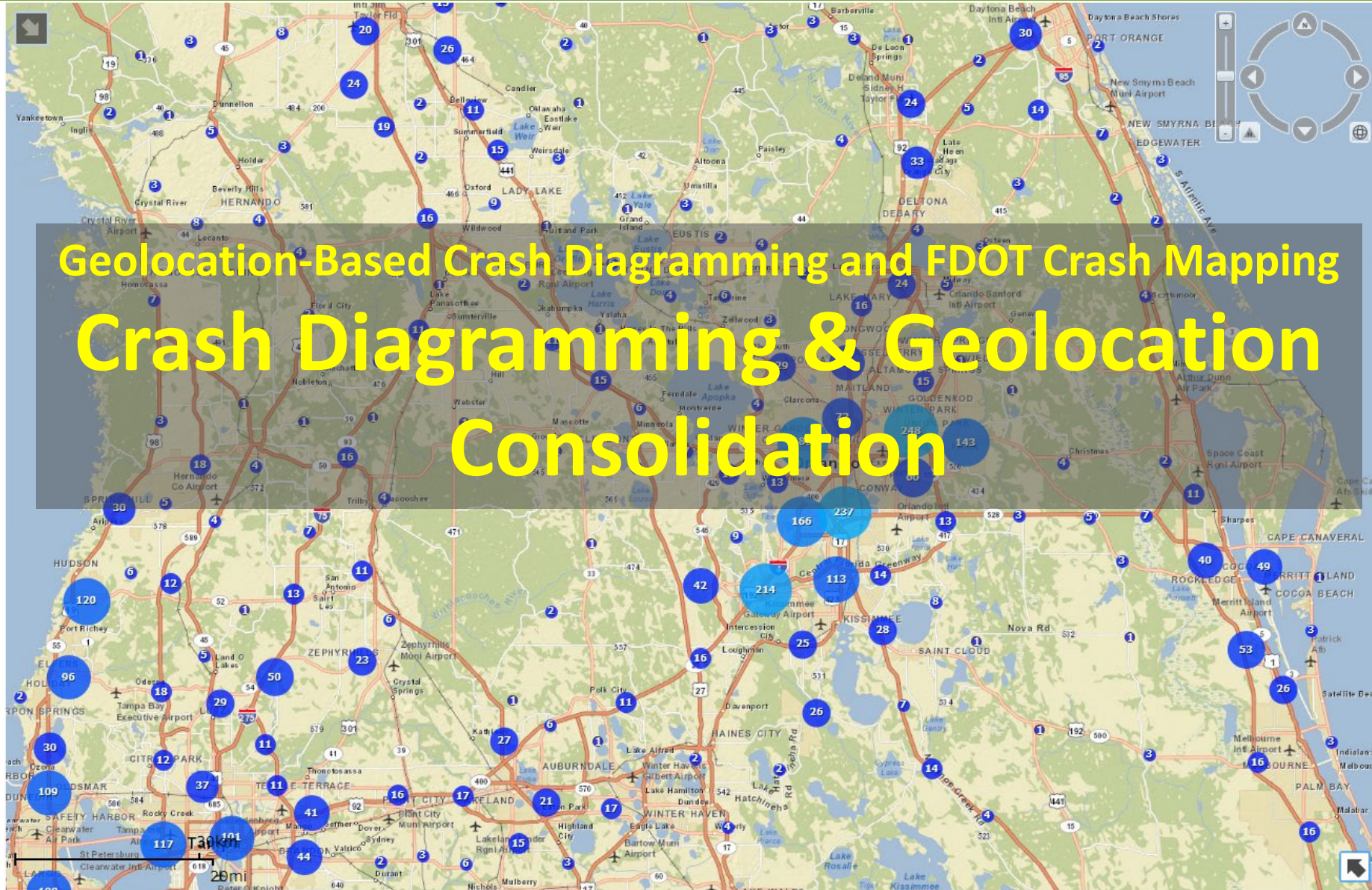
Type out street or
select on map.



New Features-In Progress

- Network Analysis - Completing internal testing this week. To be posted next week
- Add time to disclaimer of when data was uploaded to banner. Testing completed – To be posted next week.
- Saved Queries will be next - Estimated time 6-8 weeks.
- Citation Filters - tbd





Task 1 – Crash Diagramming

Geolocation-based Crash Diagramming

Efficiency, Time Saving, Accuracy

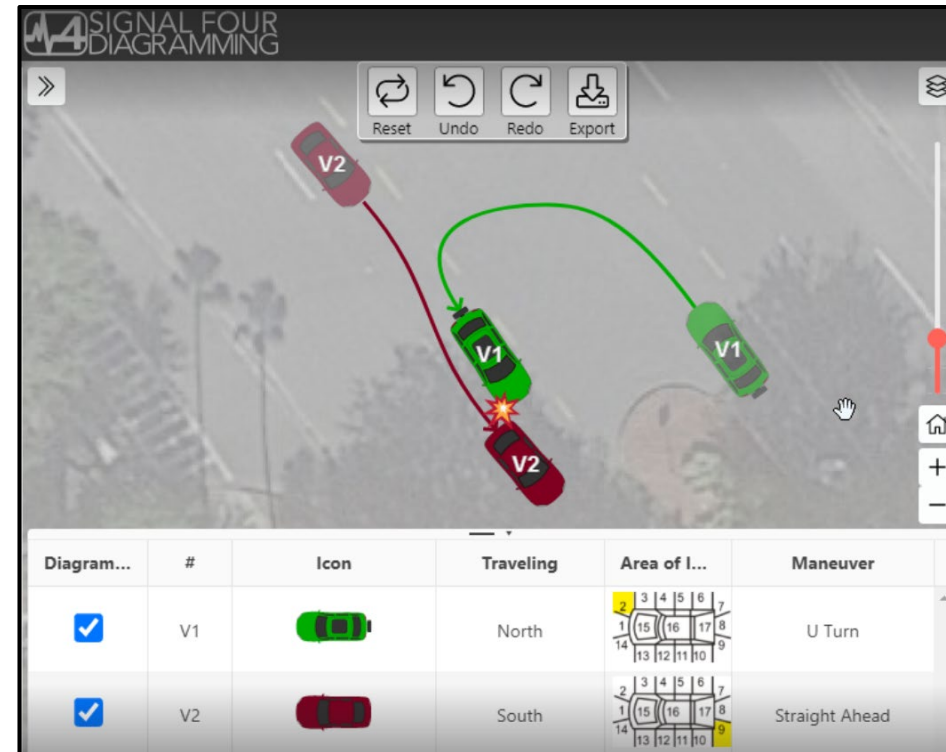
Consistency: Crash Location/Diagram and Crash Data
Elements/Diagram

Features Developed: Recap from previous meeting

- Diagram linked to geolocation
- Diagram pre-constructed (based on veh #, type, color, direction of travel, area of initial contact, veh maneuver)
- Basemaps: aerial/cartographic
- Prior and post positions
- Interactively adjust vehicle path
- Change vehicle type, color and orientation
- Drag, Drop, Move, Rotate, Flip vehicles
- Map transparency, reference map selection
- Save, load and edit the diagram

Currently in Progress:

- Freehand and annotation tools (line, curve, arrow tools, polyline, ellipse, rectangle, polygon, text)
- Image cropping for saving the diagram
- Additional icons for participants
- Add directional arrow icons
- Bug fixes, adjustments
- Extensive testing



Task 2 – Geolocation Consolidation

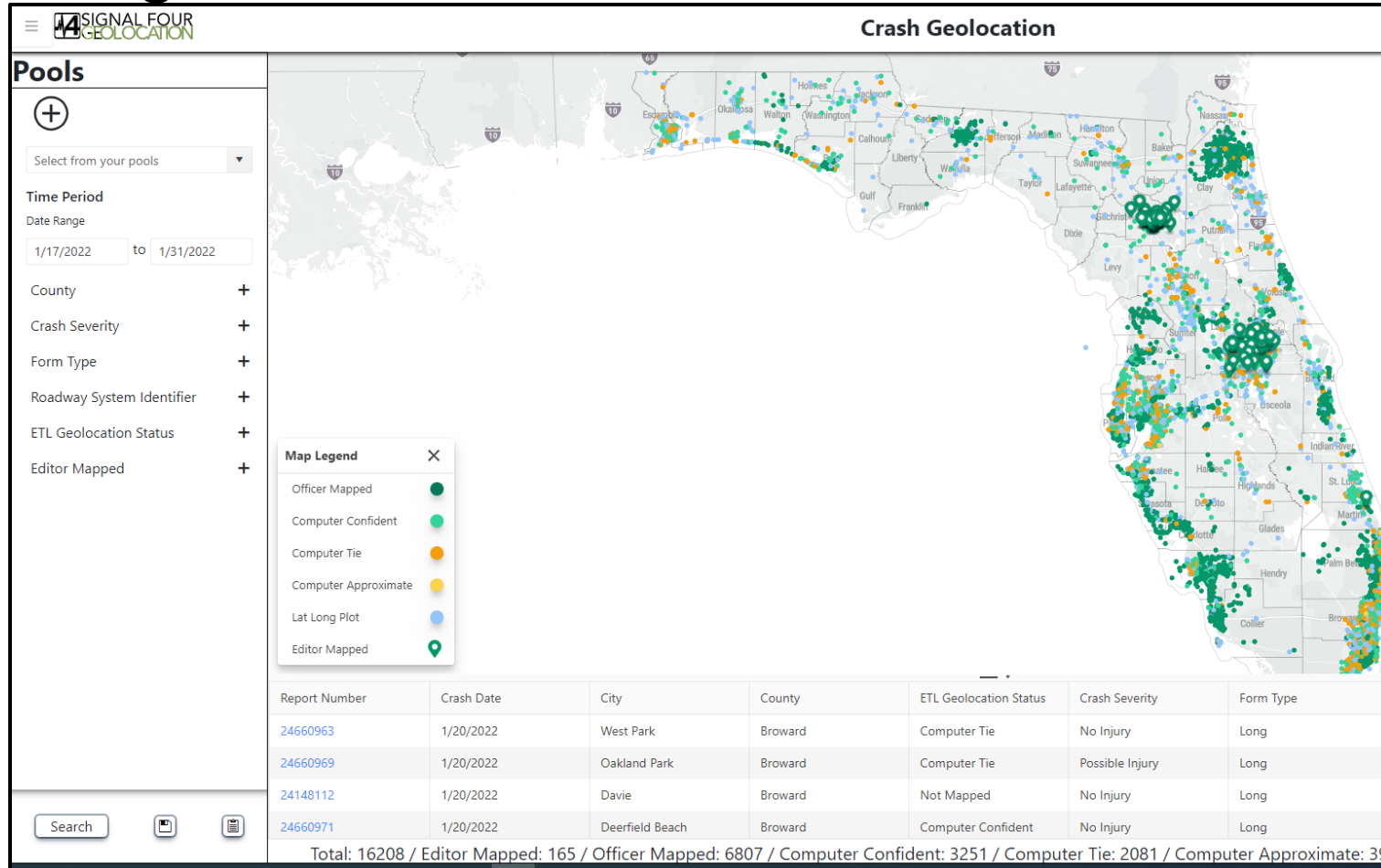
Unify the geolocation process amongst FDOT, S4 and LE agencies to achieve one consistent statewide geolocation process.

Activities Performed:

- Final stages of Internal Testing-Editor/Admin User Interface
- **Admin Screen Completed:**
- Pool Search/Creation Panel, Saving a Pool, Map (multiple basemap options, different extents, zoom in/out),
- Data Grid-Pertinent data such as ETL Geolocation Status/RSI/On Public Roads,
- Assigning pool to Editor (Pool Management),
- Change password/sign out.

Activities Performed:

Admin Page:



Activities Performed:

Editor Queue:

- Creating a queue, selecting an existing queue, map and data grid (same as Admin Screen).
- Editor page transitions into editor session.
- Queue Name and Size options (50-250).
- Totals along bottom (ETL Status).

Activities Performed:

+

Create a queue

Indian@River^2018-2022?

Indian@River^2018-2022?

Crashes in Florida

From

Jan-01-2018 to Jan-17-2022

With Attributes

Counties:

☒ Indian River

Queue

Queue Name

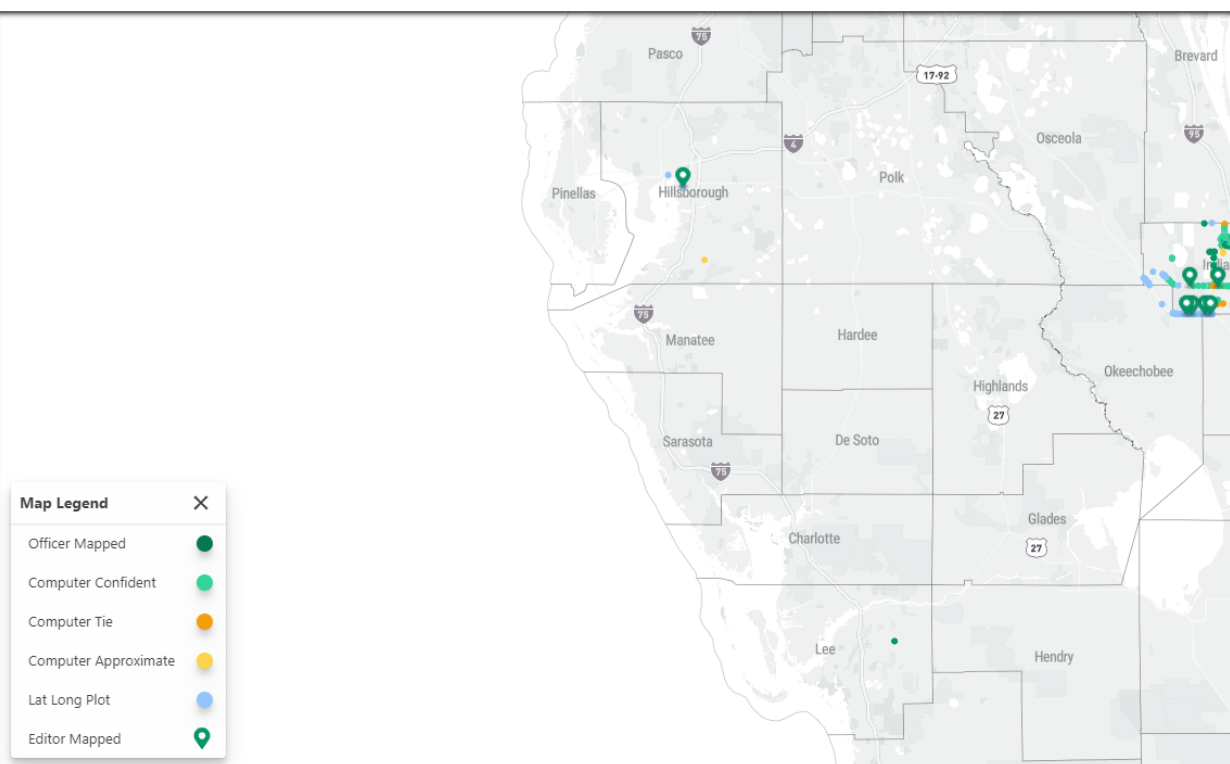
Size

Name your queue

50

Start

Editor Queue



Report Number	Crash Date	City	County	ETL Geolocation Status	Crash Severity	Form Type
85452097	1/28/2018	Unincorporated	Indian River	Lat Long Plot	No Injury	Long
85589687	4/26/2018	Unincorporated	Indian River	Computer Confident	Non-Incapacitating Injury	Long
85589680	3/19/2018	Unincorporated	Indian River	Lat Long Plot	Non-Incapacitating Injury	Long

Total: 16060 / Editor Mapped: 48 / Officer Mapped: 1602 / Computer Confident: 1020 / Computer Tie: 970 / Computer Approximate: 150

Activities Performed:

Editor Session:

- HSMV Report number along the top along with ability to open crash report
- Editor Status
- Crash Information Panel: Pre-filled boxes from crash report, one marker placed on map the text will change to indicate update.
- Search Bar: Google/ESRI text to search
- 4 Modes: Intersection/Segment/Ramp/Off Roadway
 - Intersection/Ramp/Off Roadway (Crosshair feature),
 - Segment (Pencil tool to draw line and measure)
- Crash Event Right Side: update certain information than what is in crash report
- Go Back, Give Up, Skip, Reset, Save, End Session (End and Save, End and Release Queue, Cancel)

Activities Performed:

SIGNAL FOUR
GEOLOCATION

HSMV Report Number: 83724891 1/50

Editor Status: Corrected

Street Address #:

On Street:

Intersecting Street:

Offset Distance:

Direction:

City:

County:

I-95

INTERSTATE 95 (STATE ROAD 9)

STATE ROAD 60

15640 ft.

South

Unincorporated

Indian River

Intersection

Segment

Ramp

Off Roadway

Search for a Location

G

Click on the map to start measuring
Double click to set the marker
Press the Esc button to restart measuring tool

Indian River

Vero Beach Municipal Airport

512

40

619

613

615

630

619

613

60

Map Legend

X

Officer Mapped

Computer Confident

Computer Tie

Computer Approximate

Lat Long Plot

Editor Mapped

DOT Property

Owner's Name

Site Location

Roadway System Id

Crash Severity

On Public Roads

Side of Road

Crash Lane

1 - Interstate

2 - Possible Injury

Yes

IndianRiver*1

Go Back

Give Up

Skip

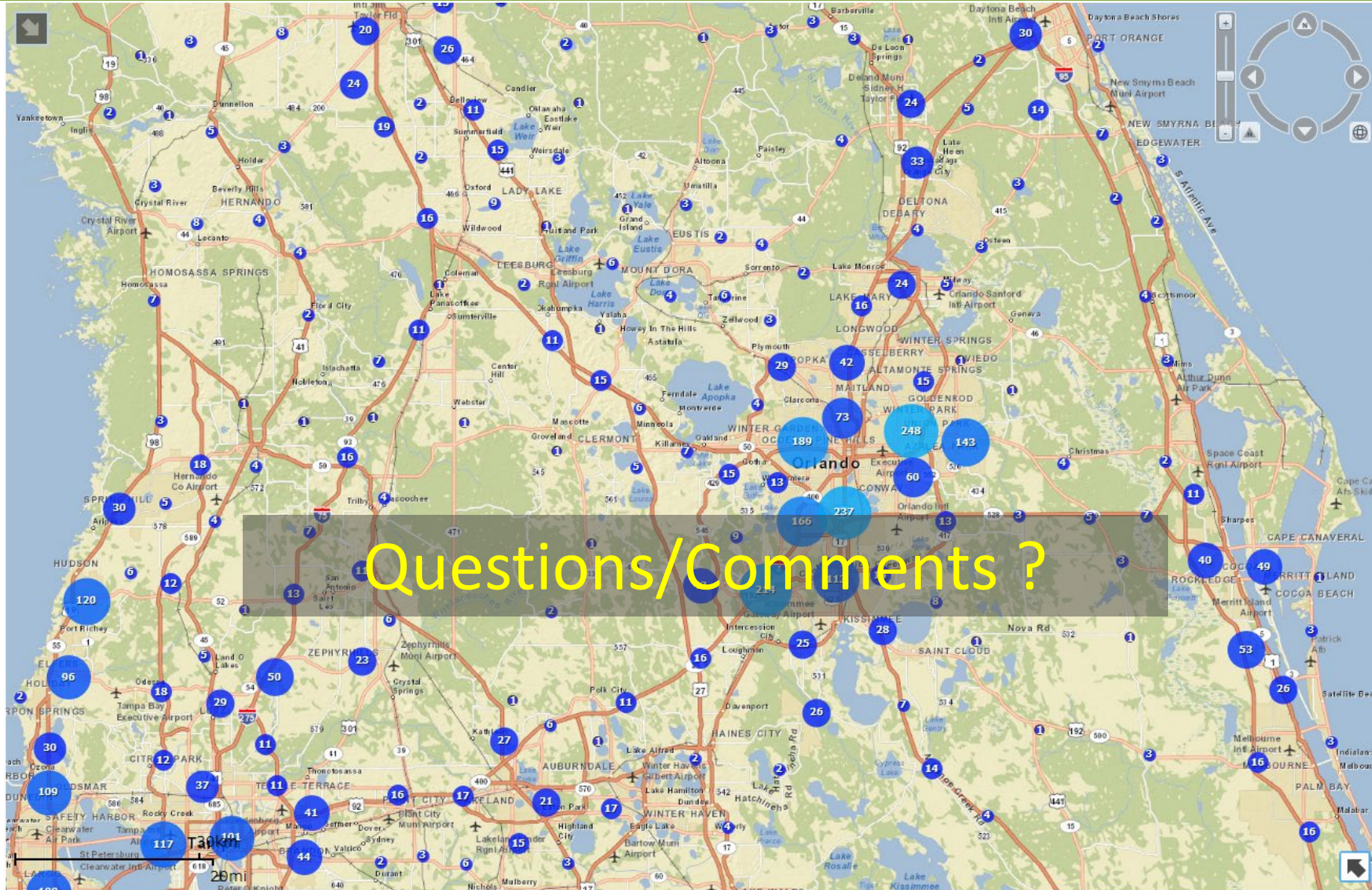
Reset

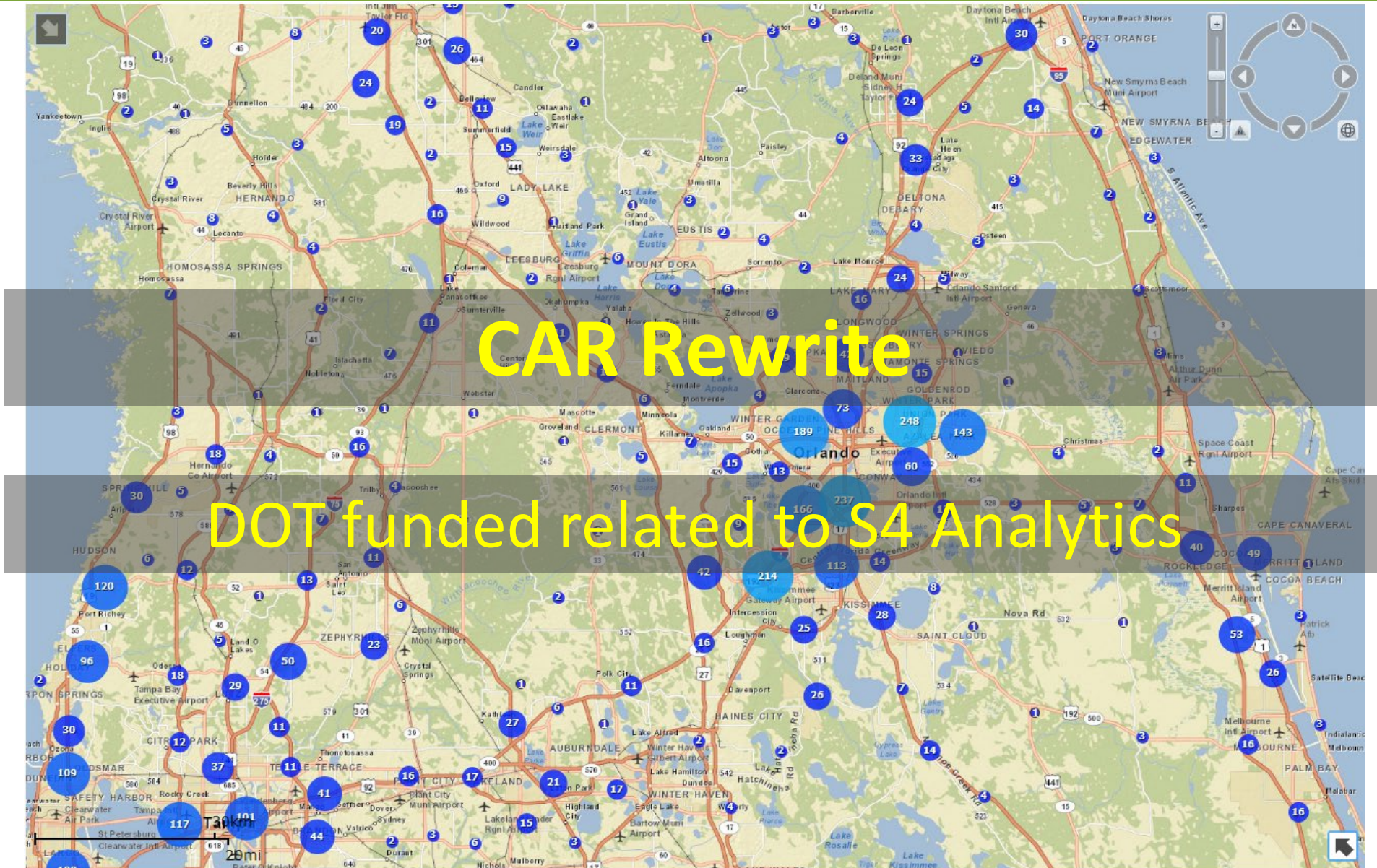
Save

End Session

Activities In Progress/Upcoming:

- Improve Pool Management
- Internal Testing
- Testing by FDOT
- Address bug fixes and make feature improvements as needed





Project Purpose:

Expand Signal 4 Analytics with the FDOT CAR system functionality.

Consolidation of data, analytics, and reporting into one system.

Current Status:

- Functional requirements gathered, initial mock-ups for **new filters** developed and discussed with FDOT.
- **Security Plan** portion completed.
- Both UF and FDOT reviewed inputs and outputs and have begun analyzing **summary reports**.
- S4 access to updated **FLARIS 2.1 data** (with shared geodatabases files).
- A draft of Crash Tree Analysis requirements completed. To be presented to DOT next week.

Ongoing and Next Steps:

- Requirements Traceability Matrix – ongoing.
- Sample data from FDOT pending for review.
- Upcoming communication with the FDOT districts to review additional filters and gather additional information on expected analytics.
- Complete Development of System Design/Technical Architecture document.
- Predictive Analysis conversation with FDOT/S4/FSU Study Group/Traffic Ops.
- User Authentication and Privileges for DOT users under way

