

ArcGIS Online Application Portfolio

Seth W. Bassett

Last Update: January 25, 2023

FDOT District 5

Work Program Scoping Tool

- Desktop Dashboard
- Mobile Dashboard
- Data Download Application
- Online 3D RGB Point Cloud Demo

D5 Scoping Dashboard v0.7

[View Dashboard](#) [Edit thumbnail](#) [Edit](#)

D5 Scoping Dashboard v0.7 - Beta Release

Dashboard by Seth.Bassett_fdot9

Item created: Apr 15, 2022 Item updated: Jan 4, 2023 View count: 733

Description [Edit](#)

ITEM IS NOT RELEASE READY

The D5 Work Program Scoping tool is currently in rapid development.

This dashboard and its related AGOL dependencies are evolving daily. The underlying data has not been validated and this product should not be considered for public release at this time.

Please contact the lead developer directly with any questions or concerns about the status of this item or its related dependencies and/or metadata: seth.bassett@dot.state.fl.us.

Related ArcGIS Online Dependencies

- Downstream Dependencies
 - None
- Upstream Dependencies
 - D5 Scoping Dashboard Map -v0.7
 - Top 5 Segment Analysis
 - FY27 Priority Corridors
 - FY26 Priority Corridors
 - Dashboard Operational Layer
 - Context Class and System, Status Subsegments
 - County Boundaries
 - MPO Polygons - D5 Scoping Dashboard
 - D5 Let Dates
 - D5 Programmed Amounts

Information about the Custom Work Program Dataset built for this tool.

This custom dataset powering this dashboard is re-created weekly by an automated process. This process reassembles the base data from FDOT's live feature services in order to ensure it is always displaying the most up-to-date RCI and Preliminary Context Classification information.

- Live Feature Service Sources
 - Work Program Current: Preliminary Engineering Phase (ID: 15)
 - Work Program Current: Construction Phase (ID: 2)
 - Work Program Current: PD&E Phase
 - TDA: LRS Routes with Measures - basemap_route_road (ID: 0)
 - TDA: Number of Lanes
 - Preliminary Context Classification
- Static Data Sources
 - https://www.arcgis.com/apps/c...

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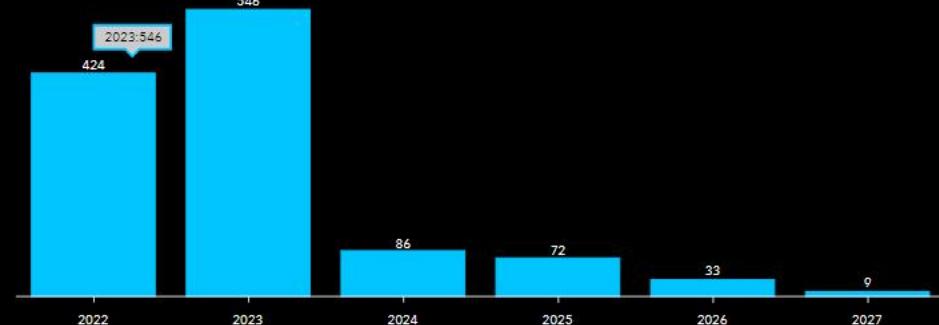
Comments (0) [Edit](#)

Leave a comment.

 Leave a comment.

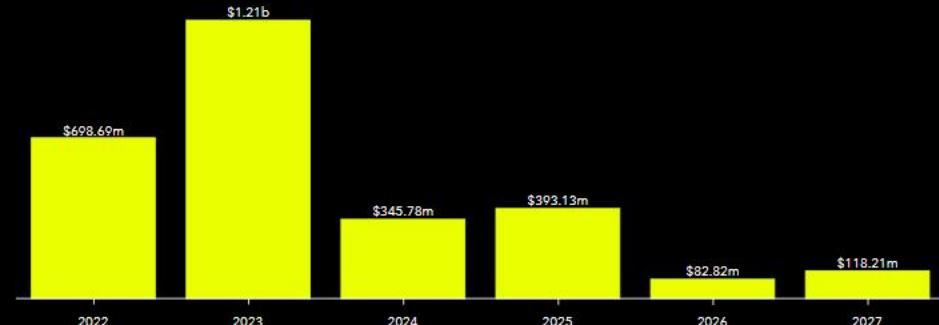
[Comment](#)

Projects by Fiscal Year



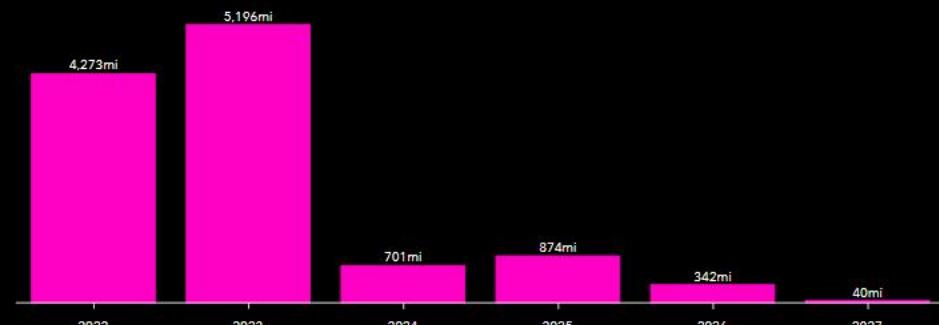
Projects
1,170
100%

Programmed Amount by Fiscal Year

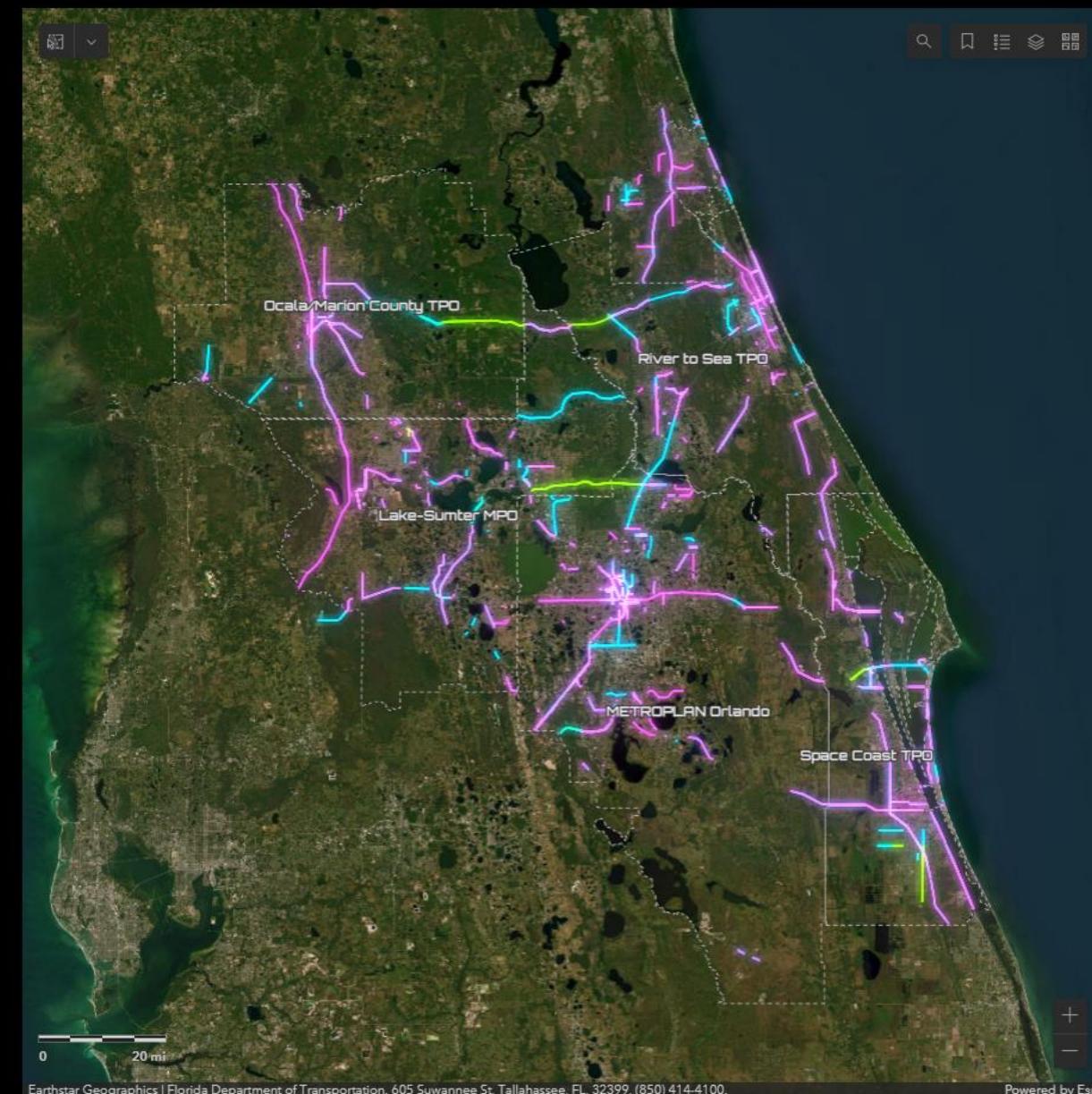


Programmed Amount
\$2.85b
100%

Lane Miles by Fiscal Year



Lane Miles
11,426
100%



Earthstar Geographics | Florida Department of Transportation, 605 Suwannee St, Tallahassee, FL, 32399, (850) 414-4100.

Powered by Esri

[Download Data](#)



D5 Scoping Dashboard

v0.7 (Mobile Beta)

Projects

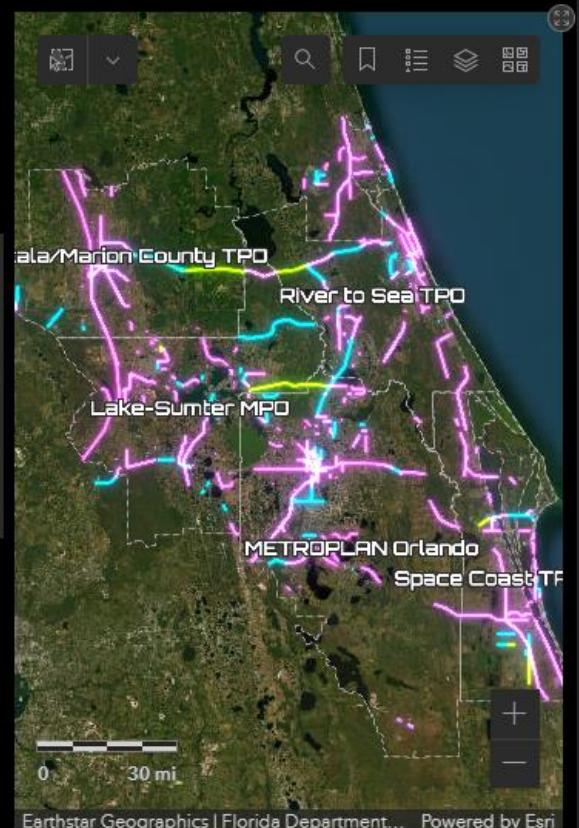
1,170
100%

Programmed Amount

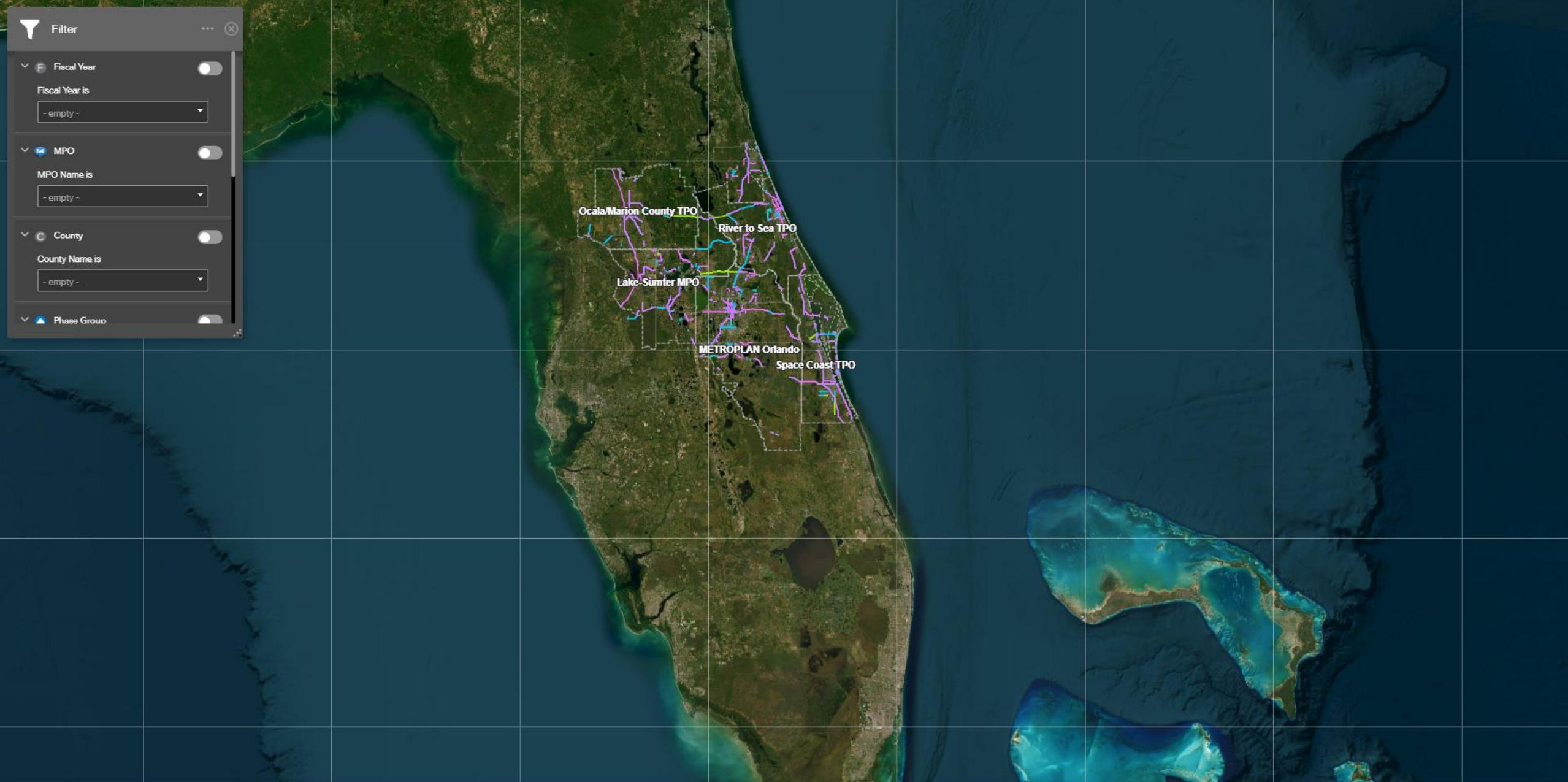
\$2.85b
100%

Lane Miles

11,426
100%



Download Data



Data Downloader - D5 Scoping Tool v0.7



Scoping Dashboard

County Name
All

MPO
All

Phase Group
All

Item Status
All

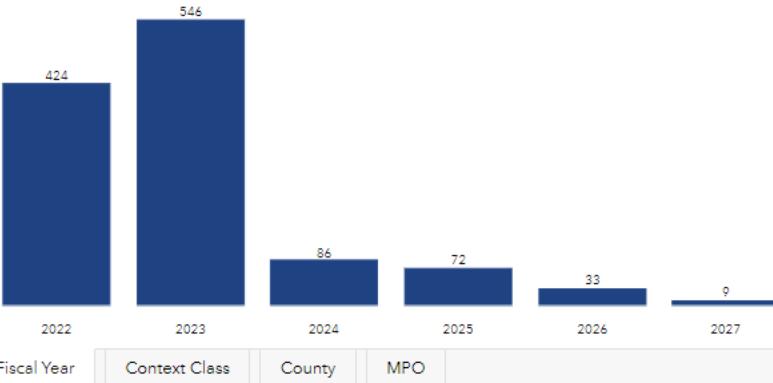
Workmix
All

Fiscal Year
All

Context Classification
All

System Status
All

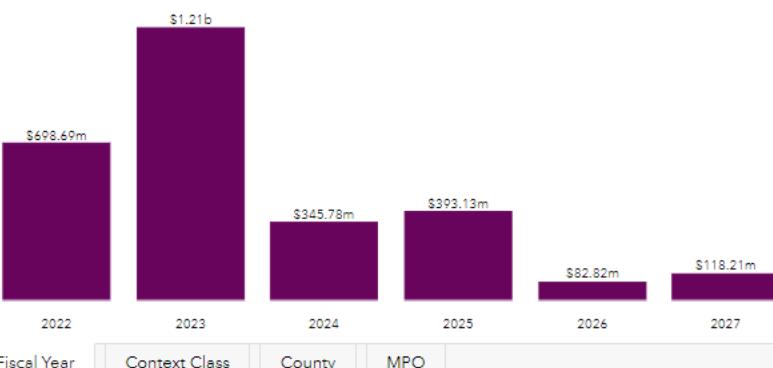
Projects by Fiscal Year



Projects

1,170
100%

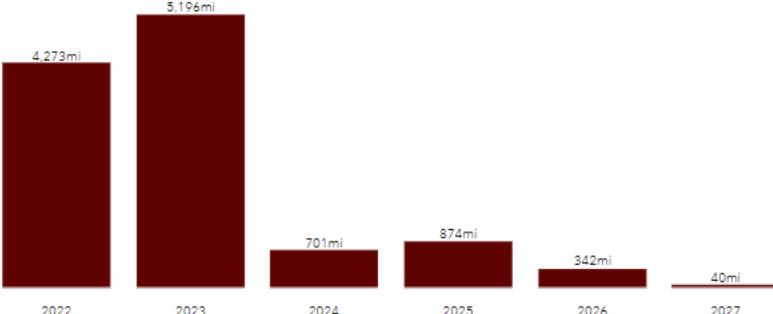
Programmed Amount by Fiscal Year



Programmed Amount

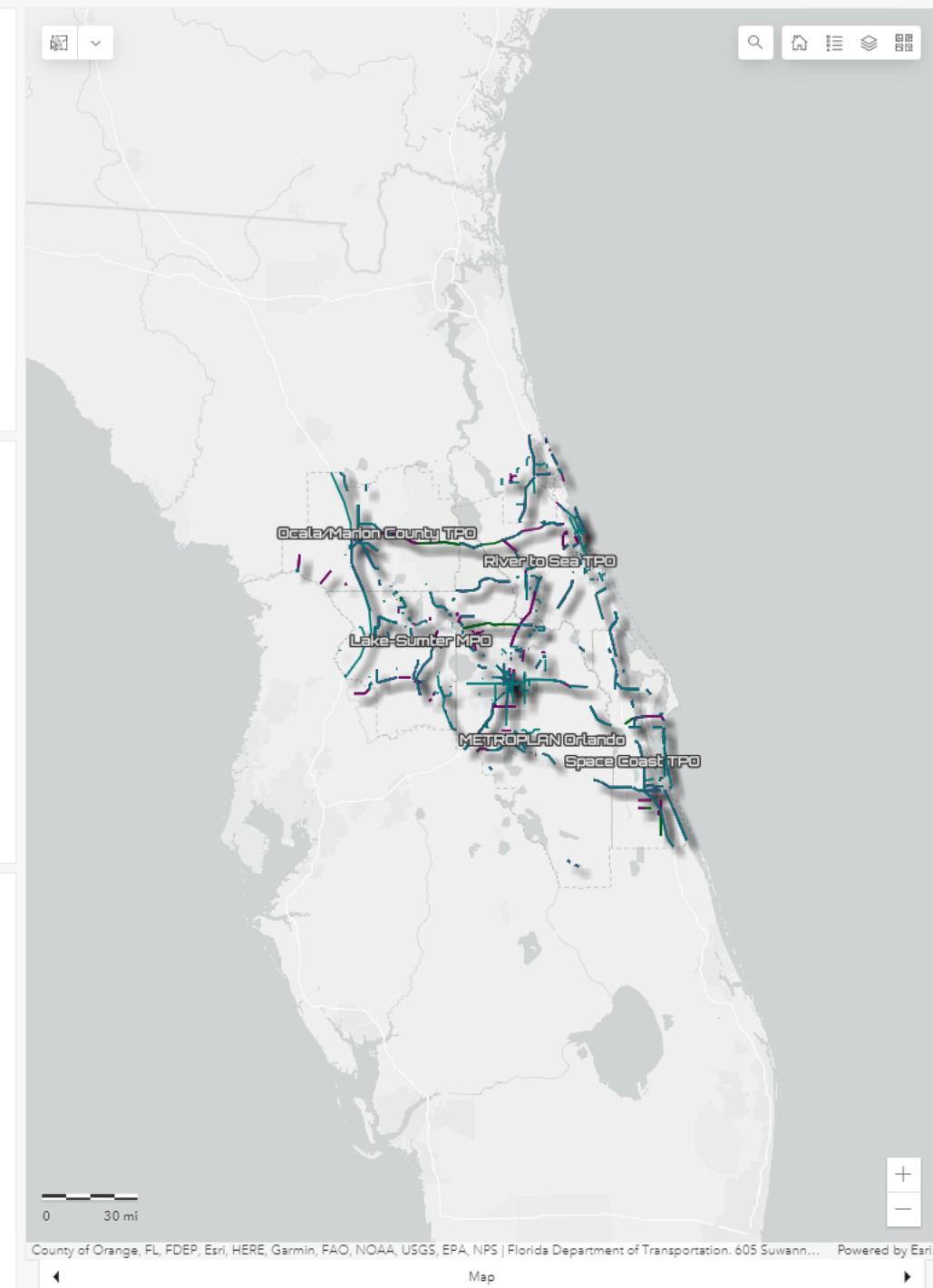
\$2.85b
100%

Lane Miles by Fiscal Year



Lane Miles

11,426
100%



[Download Data](#)

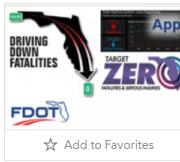
Fiscal Year Context Class County MPO



Safety Data Integration Space

Transportation Safety View

- 14 dashboards showing different topical views of FDOT crash data
- Development utilized custom python tooling to automatically clone a master dashboard template 14 times across each interest area
- Dataset runs on a self-logging stored procedure in an Azure SQL Server database



This dashboard shows all on-system fatal and serious injury crashes in the state for the years 2015-2020. The information contained in this file has been compiled from information collected by the FDOT Safety Office for the purpose of identifying, evaluating, or planning safety enhancements on Florida's roadways. It contains information that is to be used to develop highway safety improvement projects.

 Web Mapping Application by [KNKAIBJ](#)

Created: Feb 26, 2021 Updated: Jun 28, 2022
View Count: 1,941

Description

The Safety Data Integration Space: Transportation Safety View applications gives the user the ability to dynamically explore commonalities between 14 different types of common on-system crashes in an interactive, web-based dashboard. Each tab of the application focuses on one of the safety emphasis areas outlined in FDOT's 2016 Strategic Highway Safety Plan. The application uses a single, underlying design in order to help streamline the user experience and place a priority on exploring FDOT's Crash Analysis Reporting (CAR) dataset.

For more information please contact:

Benjamin Jacobs
Crash Records Research Administrator
Safety Office, 605 Suwannee Street, MS-27
Tallahassee, FL 32399-0450
Benjamin.Jacobs@dot.state.fl.us
(850) 414-4007

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[View Application](#)

[Metadata](#)

Details

Size: 7 KB
API: JavaScript
Purpose: Ready To Use


Owner

 KNKAIBJ

Tags

SDIS, Safety Data Integration Space, Transportation Safety View, CARS, Safety, Crash, FDOT, FL, Florida, GIS@FDOT, transportation, Florida Department of Transportation

Credits (Attribution)

Florida Department of Transportation, 605 Suwannee St, Tallahassee, FL, 32399. (850) 414-4100

URL

<https://gis.fdot.gov> 

All Emphasis Areas

State Highway System Only - Fatalities and Severe Injuries Only

 Year [ALL YEARS](#) District [ALL](#) MPO/TPO [All MPO/TPO](#) County [ALL](#)
[Filter](#) [CLEAR](#) [RESET](#)
[Expand for Help](#)

9,899



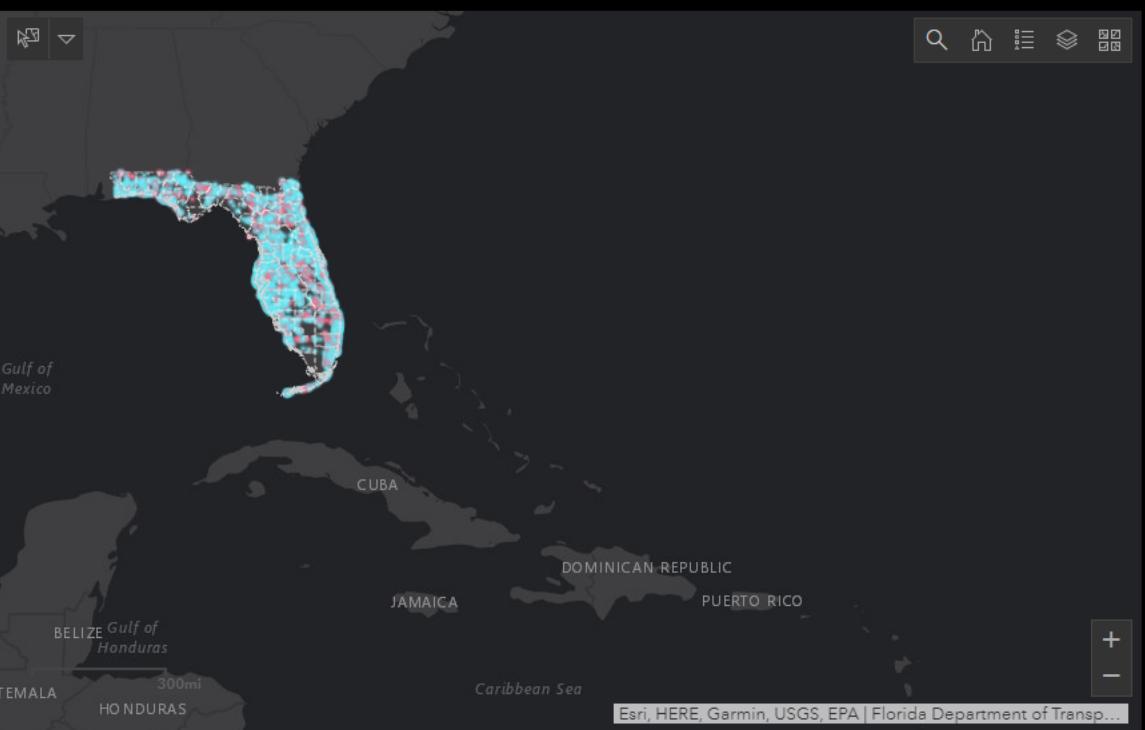
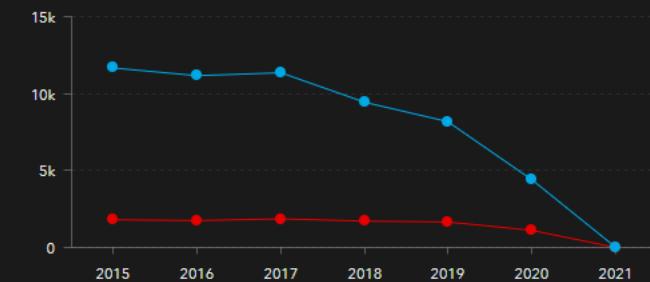
Fatalities

56,219

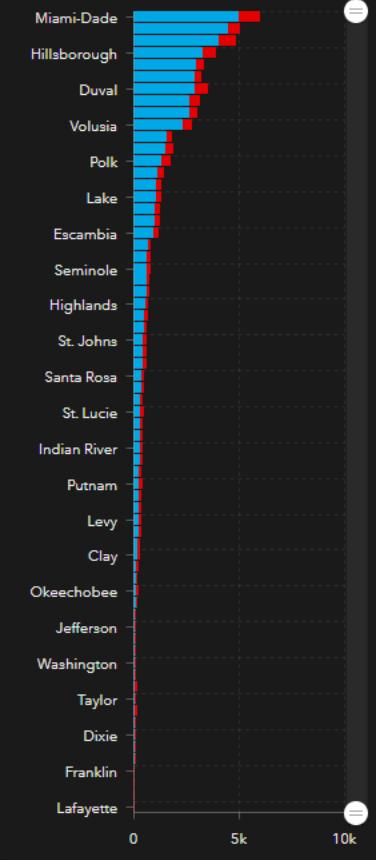


Severe Injuries

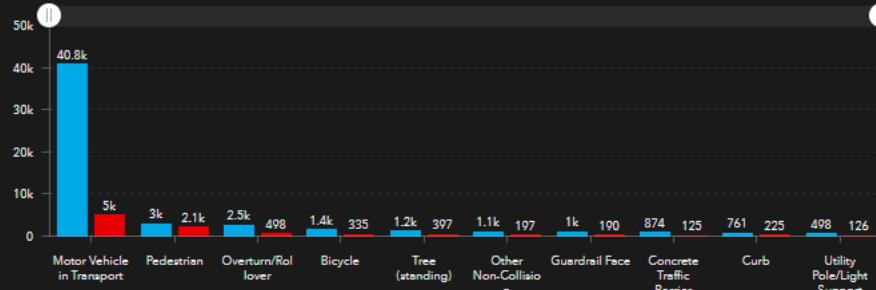
Fatalities and Severe Injuries by Year



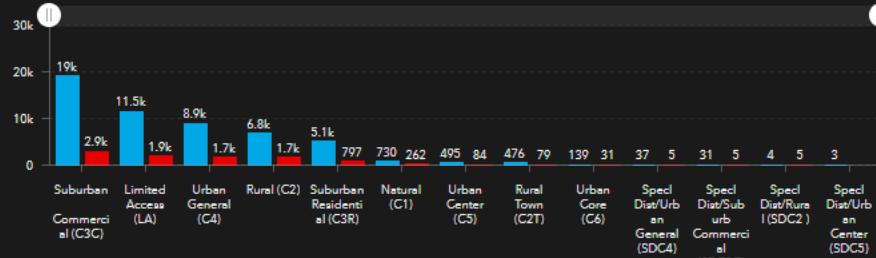
Fatalities and Severe Injuries by County


 Event: Scheduled SSO Data Sync
 Time: 1/3/2023, 1:01 AM
 Status: Sync Successful

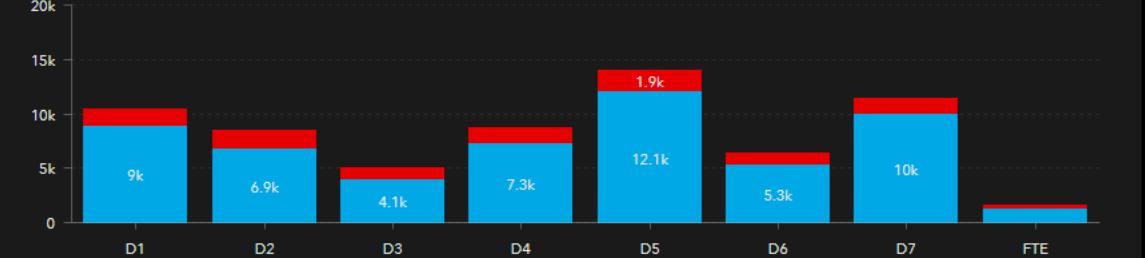
Most Harmful Events


[Most Harmful Event](#) [Vehicle Maneuver](#) [Driver Action](#) [Weather](#) [Road Surface](#) [Lighting](#)

Context Class


[Context Class](#) [Functional Class](#) [Road Type](#) [Speed Limit](#) [Lanes](#)

Fatalities and Severe Injuries by District



Fatalities and Severe Injuries by District

MDOT Project Demand Estimator

- 2 Linked Dashboards forecasting 10 years of Michigan DOT demand for Aggregates, Concrete, Hot Mixed Asphalt, and Labor

Spend

Dollars



Remaining Spend

\$10.1b

100%

Material Forecast

\$10.1b

100%

Labor Forecast

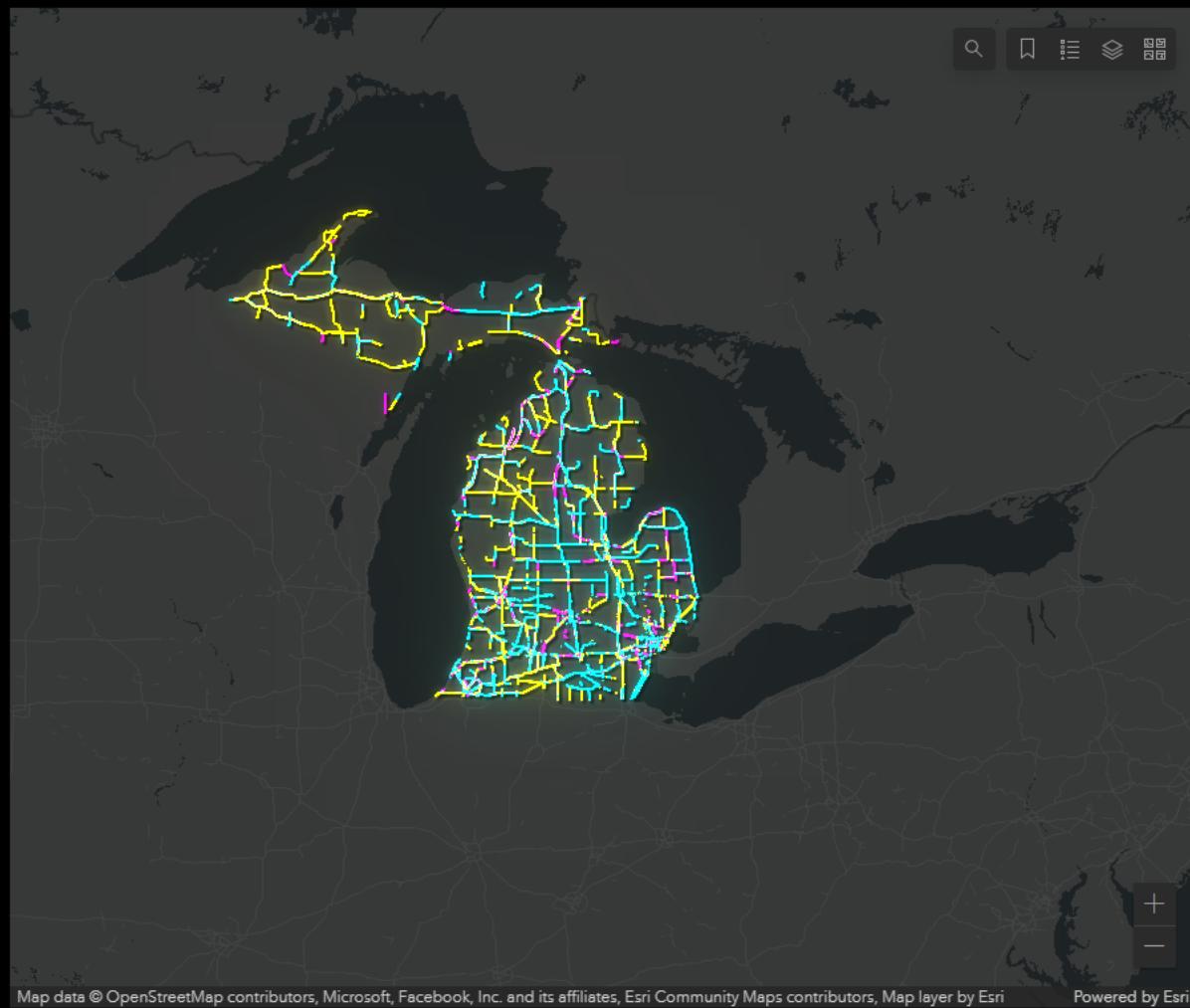
122m

100%

Projects

1,391

Active and Future



Map data © OpenStreetMap contributors, Microsoft, Facebook, Inc. and its affiliates, Esri Community Maps contributors, Map layer by Esri

Powered by Esri

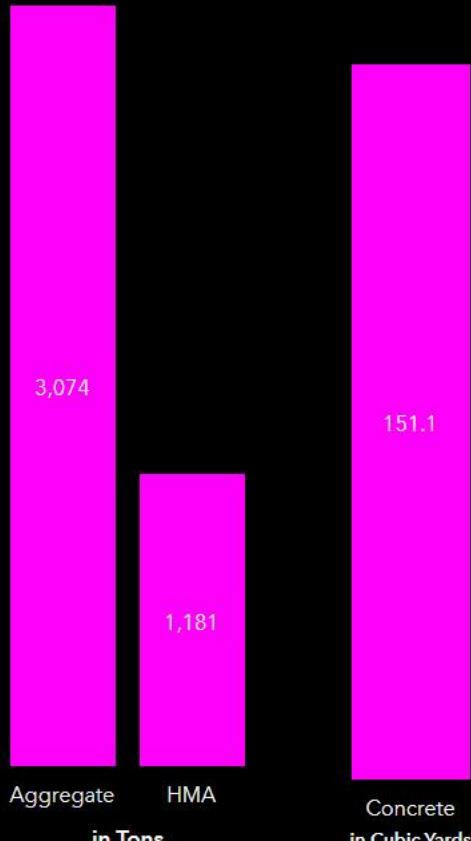
Expand this window to see the development changelist ↗



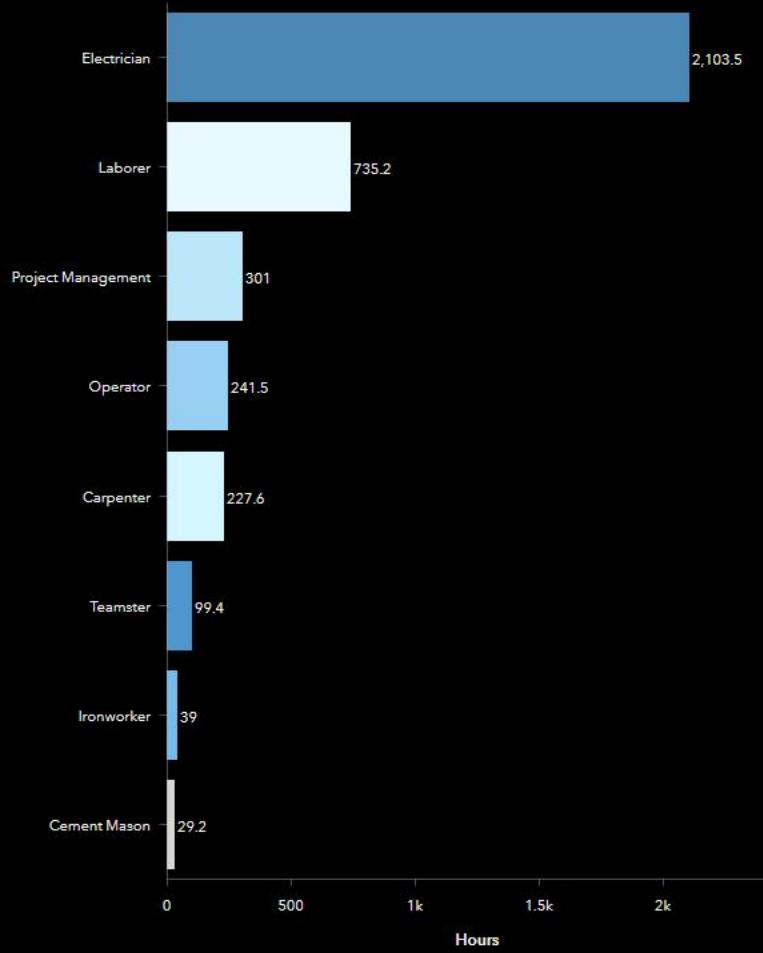
Job #211319 (Traffic Ops)

Non-Freeway Sign Replacement
M-46 Non-Freeway Signing Upgrade

Materials

2,128 total tons
151 total cubic yards

Labor

1.9 total FTE Positions
3,948.7 total hours

Completed

0%

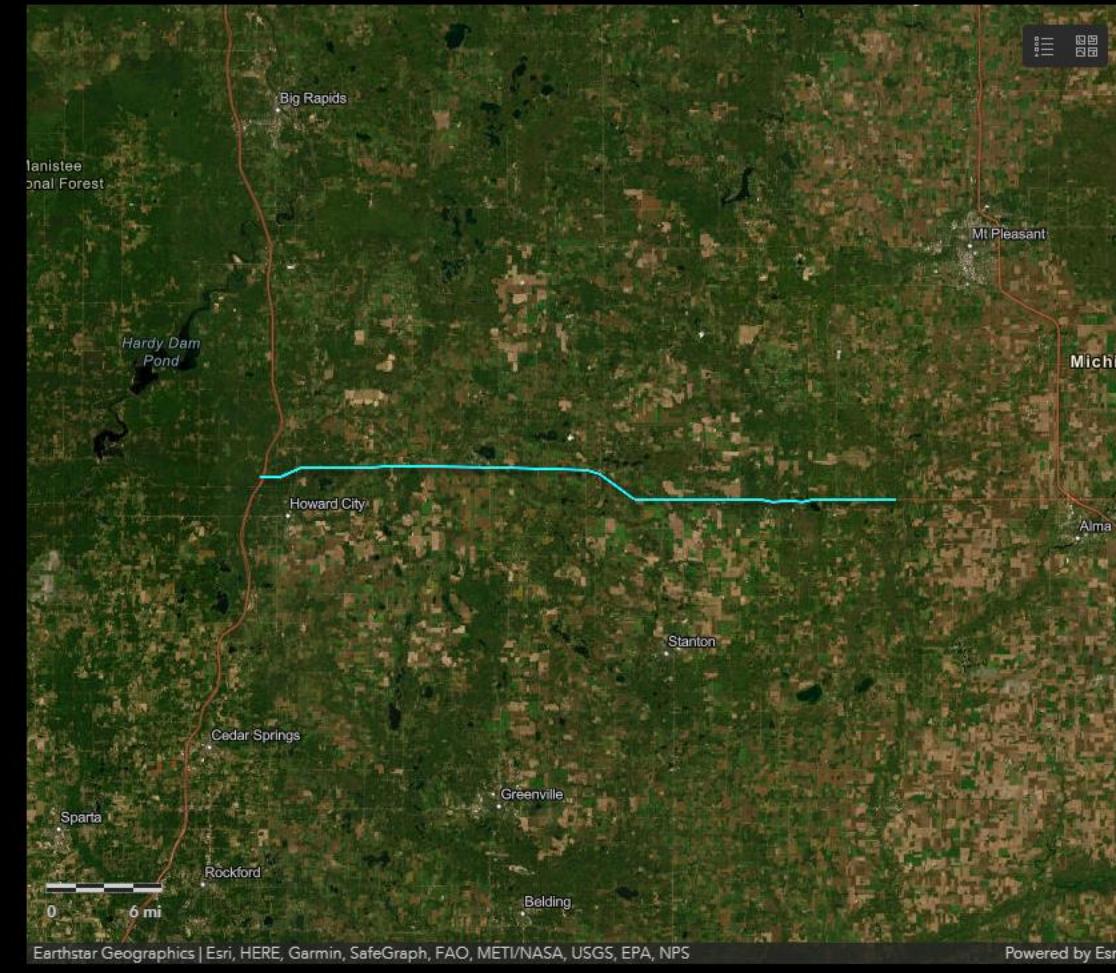
Construction Start

2024

Construction End

2024

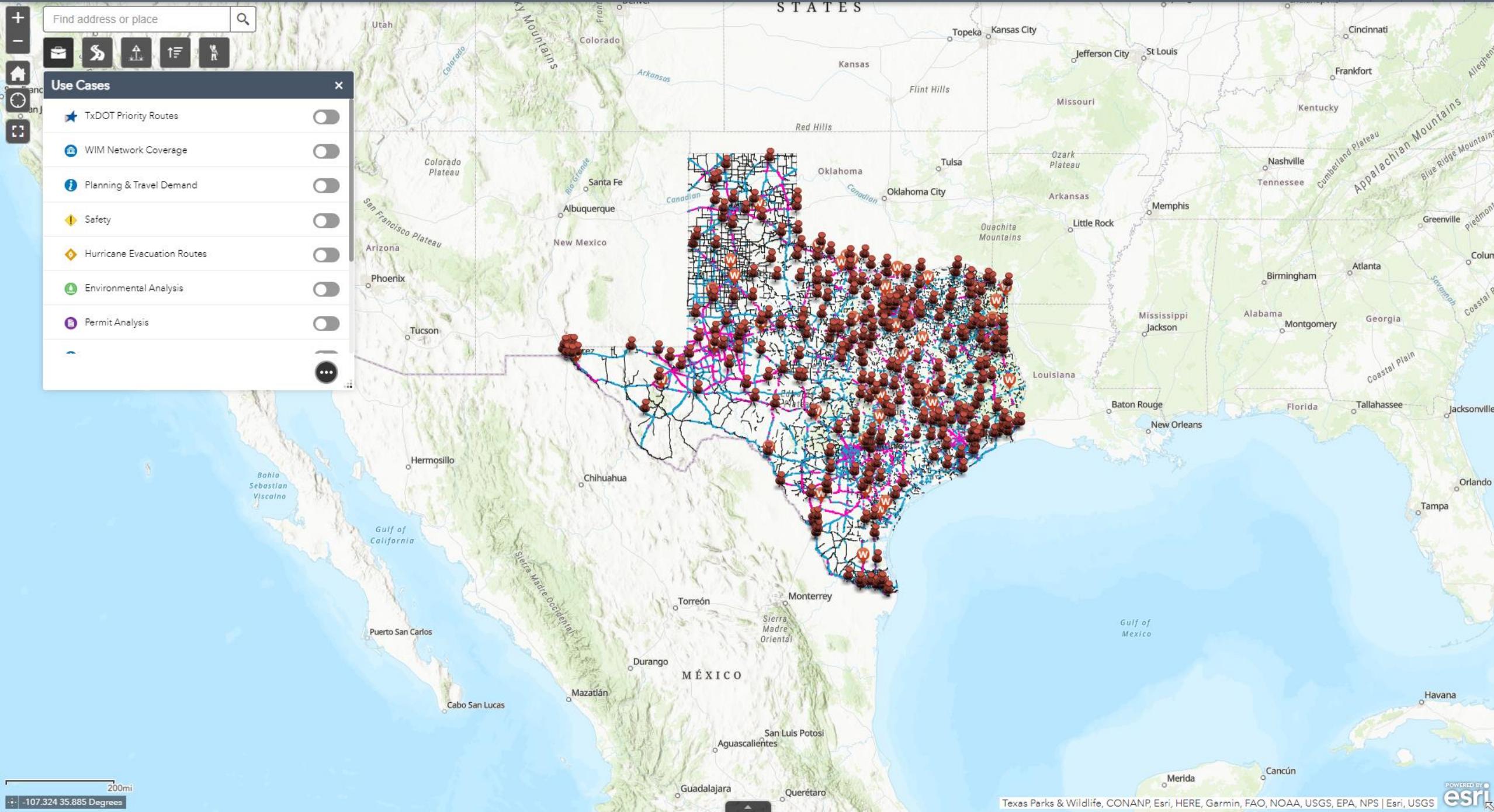
Spend

\$620.51k
\$217.18k (35% labor)

TxDOT WIM/VC

Strategic Planning Application

- ArcGIS Webapp Builder Webapp to capture client priorities and preferences during the development of a strategic plan for deploying new Weigh-in-Motion stations in Texas



Traffic Incident Management Dashboard 2.0

- 11 Thematic Dashboards utilizing Traffic Incident Data from District Traffic Management Center SUNGUIDE installations

Home Gallery Map Scene Groups Content Organization

Seth Bassett
KHNNTBT

Overview Settings

TIM Analytics v2.0

A Story Map application containing the TIM v2.0 Dashboards.

Web Mapping Application by KHNNTBT

Created: Jun 29, 2022 Updated: Sep 23, 2022 View Count: 341

Add to Favorites

Description

The Harmonized Traffic Incident Management (TIM) 2.0 Public Dashboard shows key performance metrics sourced from FDOT's SunGuide software. The Florida Department of Transportation (DOT) collaborates with Texas DOT by leveraging their software and enhancements into SunGuide software through initial and on-going development. All SunGuide software is publicly owned with no licensing fees and offers end-user advanced capabilities for low deployment and maintenance costs. By design, software development is not restricted to any one vendor allowing the agency to make the most cost-effective vendor choice.

Sunguide is "based on an open architecture and enables users to manage multiple subsystems" and allows FDOT to control and monitor roadside equipment and vehicle resources to:

- Facilitate traffic and incident management
- Disseminate traveler information to the motoring public
- Exchange critical information among agencies, and
- Collect and report data regarding the operation of Florida's transportation system.

The Harmonized TIM dataset is sourced from separate Sunguide installations that are independently maintained by FDOT District Offices and Traffic Management Centers around the state. Each district provides a copy of their local Sunguide database to the team at FDOT's Transportation Engineering Research Laboratory (TERL). The TERL team works to merge data from multiple Sunguide installations into a single, harmonized dataset containing Traffic Incident Management data from around the State. During the harmonization process, the TERL team performs various quality assurance and reporting tasks in order to ensure accurate reporting of key performance measures.

More information about Sunguide and FDOT's Traffic Incident Management program can be found in the [Traffic Incident Management Newsletter](#) and the official [Sunguide Website](#).

Overview

Item Information

Details

Size: 29 kB Shared with: Organization

API: JavaScript Purpose: Ready To Use

Owner: KHNNTBT

Folder: TIM v2

Tags: TIM, Traffic Incident Management, TIM Analytics v2.0

Credits (Attribution)

Florida Department of Transportation, 605 Suwannee St, Tallahassee, FL 32399 (850) 414-6100

URL: <https://gis.fdot.gov/arcgisportal/apps/TIM/>

Related Items

- Downstream Products
 - None
- Upstream Products
 - Dashboards
 - TIM v2.0 - Executive Summary Dashboard
 - TIM v2.0 - All Years Dashboard
 - TIM v2.0 - Dashboard - Incidents Over Time
 - TIM v2.0 - Incidents Over Geography
 - TIM v2.0 - Lane Closures Dashboard
 - TIM v2.0 - Train the Trainer Dashboard
 - TIM v2.0 - RHF Dashboard
 - TIM v2.0 - Road Ranger Safety Dashboard
 - TIM v2.0 - RISC Incident Log Dashboard
 - Maps
 - TIM v2.0 - Executive Summary & Incidents Over Time Map
 - TIM v2.0 - All Years Map
 - TIM v2.0 - Incidents Over Geography Map
 - TIM v2.0 - Lane Closures Map
 - TIM v2.0 - Train the Trainer Map
 - TIM v2.0 - RHF Map
 - TIM v2.0 - Road Ranger Safety Map
 - TIM v2.0 - RISC Implementation Log Map
 - Feature Services
 - TIM v2.0 - TIM & TCrash County Summary Points
 - TIM v2.0 - TIM and RHF TCrash District Summary Points
 - TIM v2.0 - Harmonized TIM Feature Service
 - TIM v2.0 - Truck AADT Feature Service
 - TIM v2.0 - DIVMT Feature Service
 - TIM v2.0 - Train the Trainer Feature Service
 - TIM v2.0 - RHF (TCrash) Feature Service
 - TIM v2.0 - Road Ranger Feature Service
 - TIM v2.0 - RISC Implementation Log Feature Service
 - Admin_Boundaries

FDO Contact

Shawn Kinney
Traffic Incident Management / Road Ranger Program Manager
Shawn.Kinney@dot.state.fl.us

Jeff Frost
Traffic Incident Management / Commercial Vehicle Operations Program Manager
Jeff.Frost@dot.state.fl.us

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Executive Summary

All Years

Incidents Over Time

Incidents Over Geography

Lane Closures

Road Ranger Locations (Live)

SHRP2 Trainers

Florida Highway Patrol

Safety

RISC

Fiscal Year

All

District

All

County

All

Major Corridor

All

Reset Filters

CLEAR

REFRESH

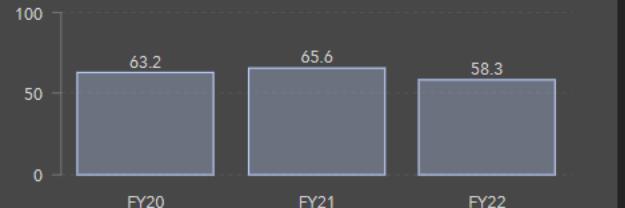
Severity Selector

Level 3
19,710Level 2
29,127Level 1
66,928

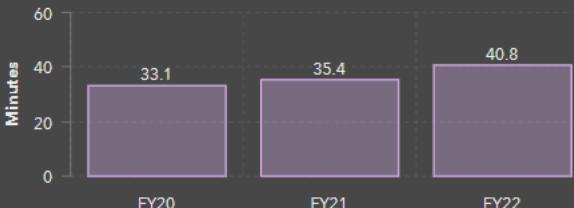
Event Type Selector



Average Incident Clearance Time (ICT) by Fiscal Year



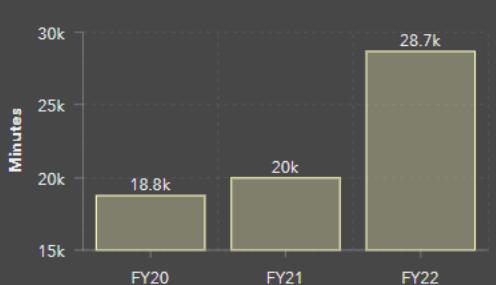
Average Roadway Clearance Time (RCT) by Fiscal Year



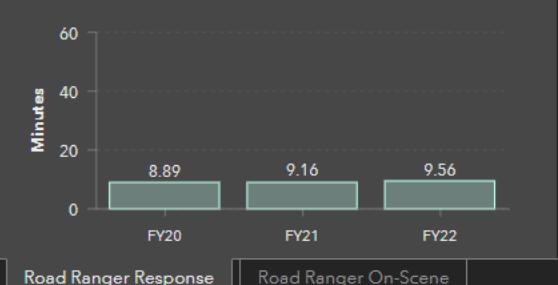
Data includes lane blockage events only. All times displayed are local, including those for District 3.

Map

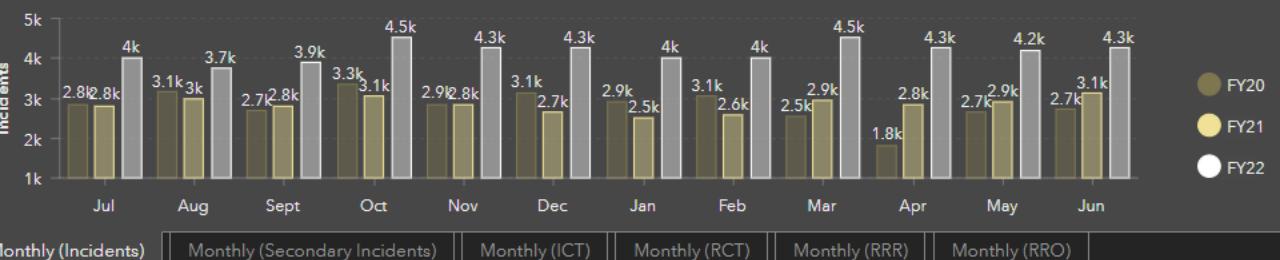
Crash Related Incidents by Fiscal Year



Average Road Ranger Response Time (RRR) by Fiscal Year



Incidents by Fiscal Month and Fiscal Year



Last Traffic Incident in Harmonized Dataset: 6/30/2022, 3:51 PM

Severity Selector



Level 3
32,625

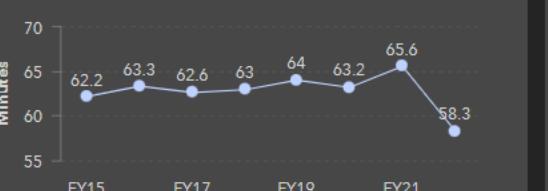
Level 2
52,996

Level 1
147,802

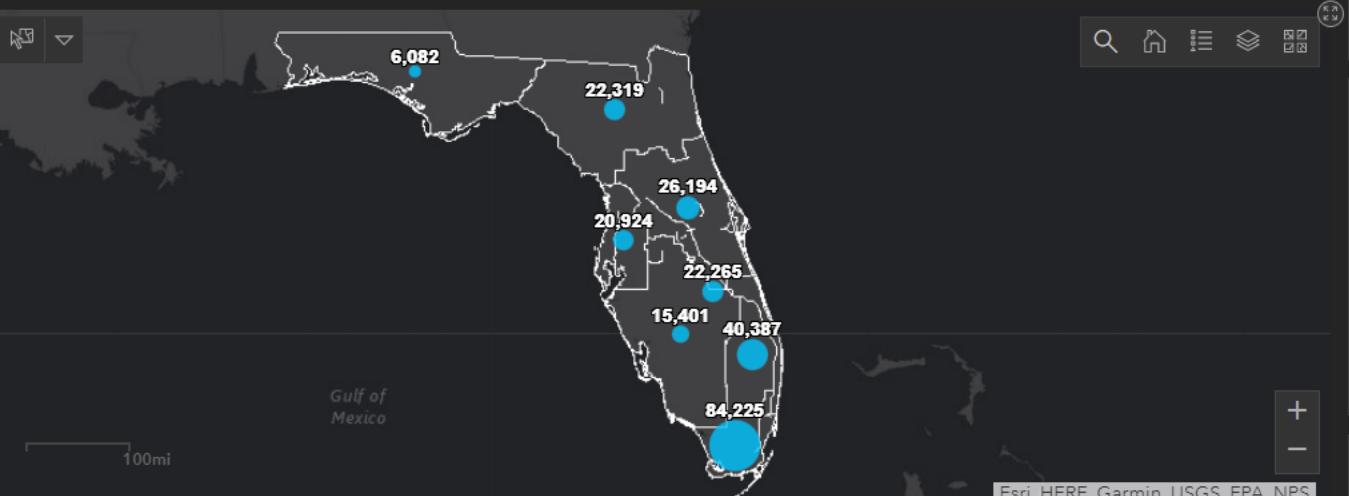
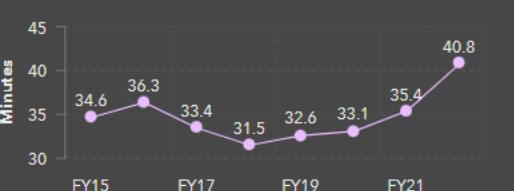
Event Type Selector



Average Incident Clearance Time (ICT) by Fiscal Year



Average Roadway Clearance Time (RCT) by Fiscal Year



Crash Related Incidents by Fiscal Year

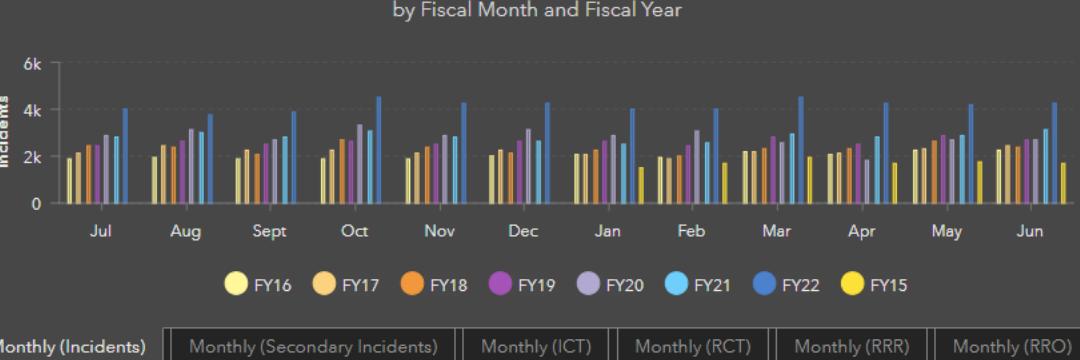


Average Road Ranger Response Time (RRR) by Fiscal Year

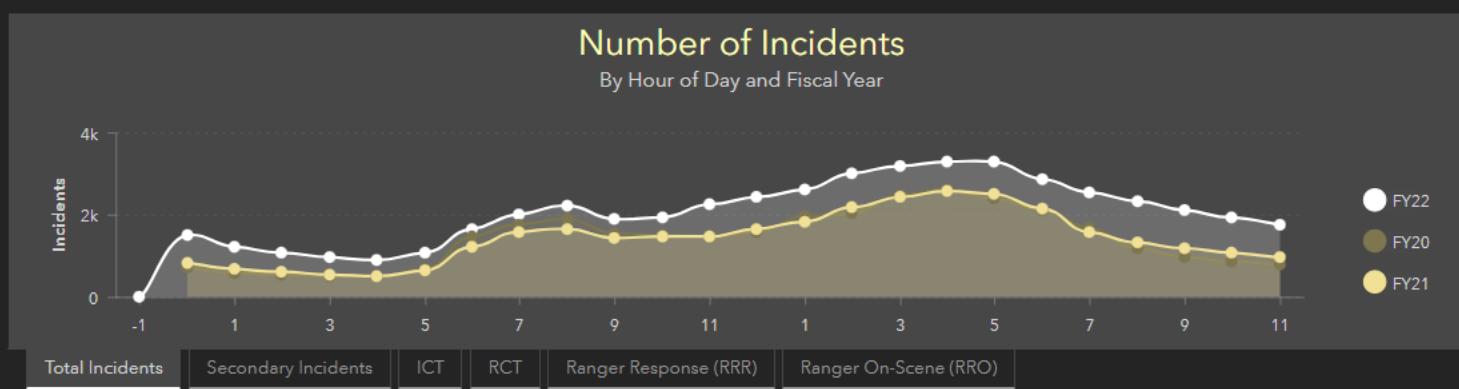
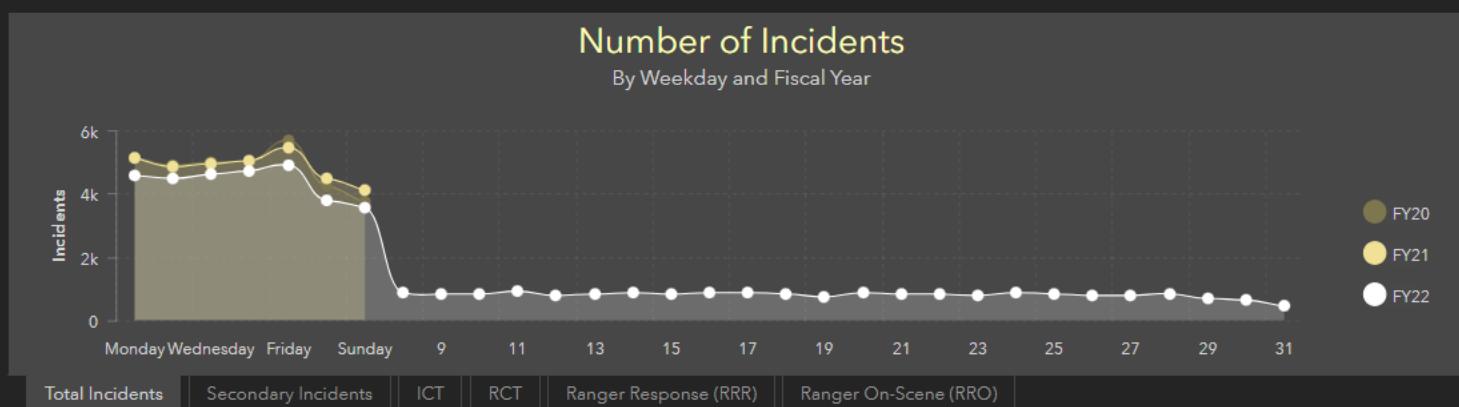
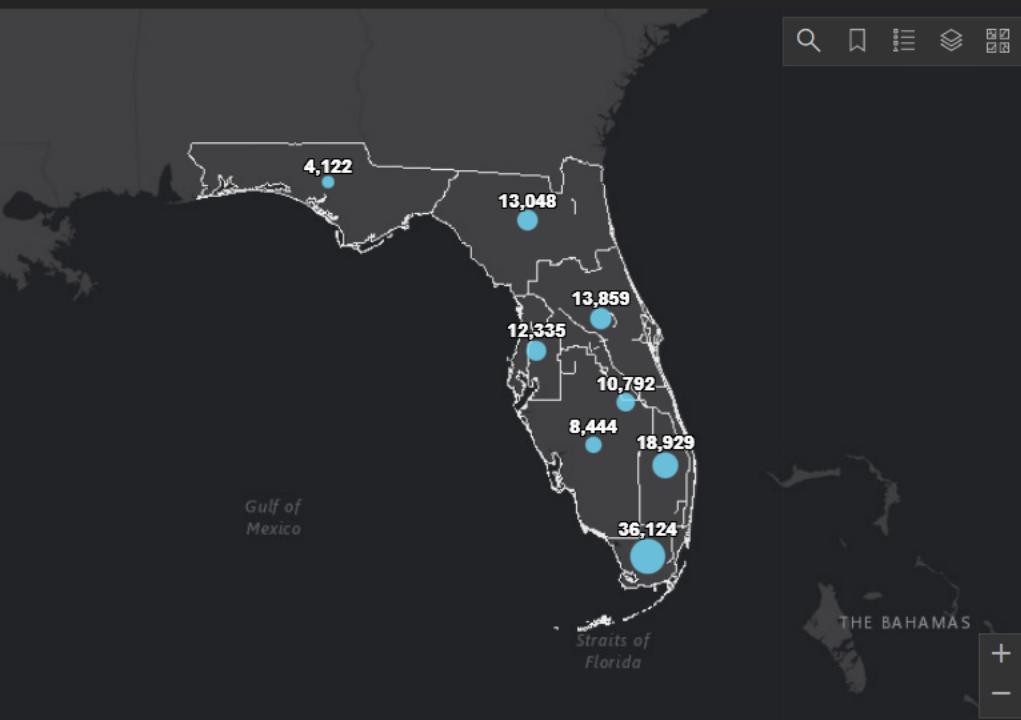
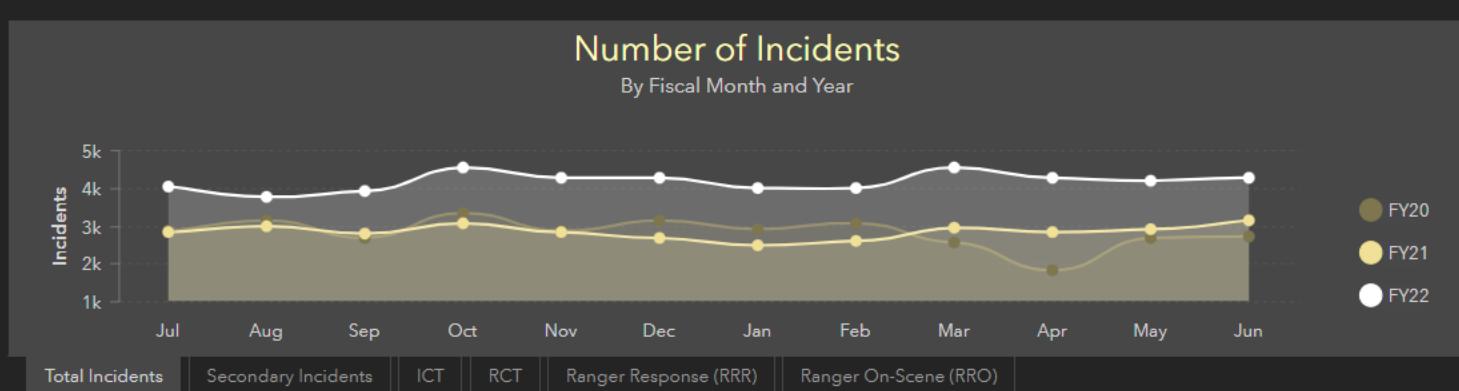
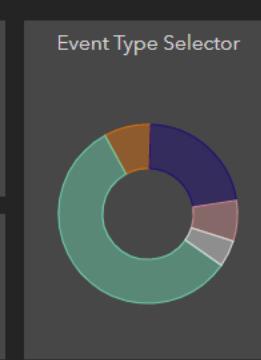


Incidents

by Fiscal Month and Fiscal Year



Last Traffic Incident in Harmonized Dataset: 6/30/2022, 3:51 PM



Data includes lane blockage events only. All times displayed are local, including those for District 3.

Last Traffic Incident in Harmonized Dataset: 6/30/2022, 3:51 PM

Fiscal Year

All

District

All

County

All

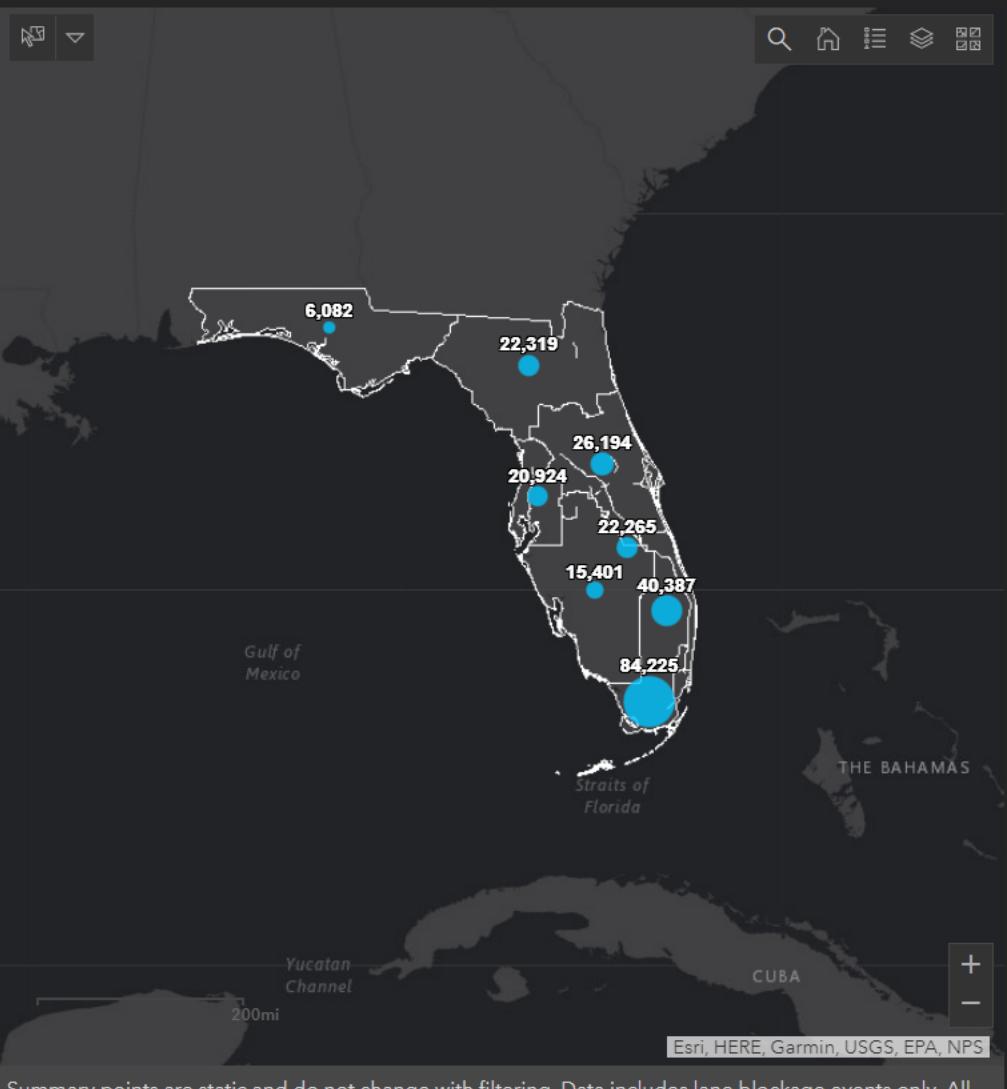
Major Corridor

All

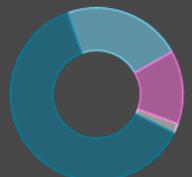
Reset Filters

CLEAR

REFRESH



Severity Selector



Level 3

32,594

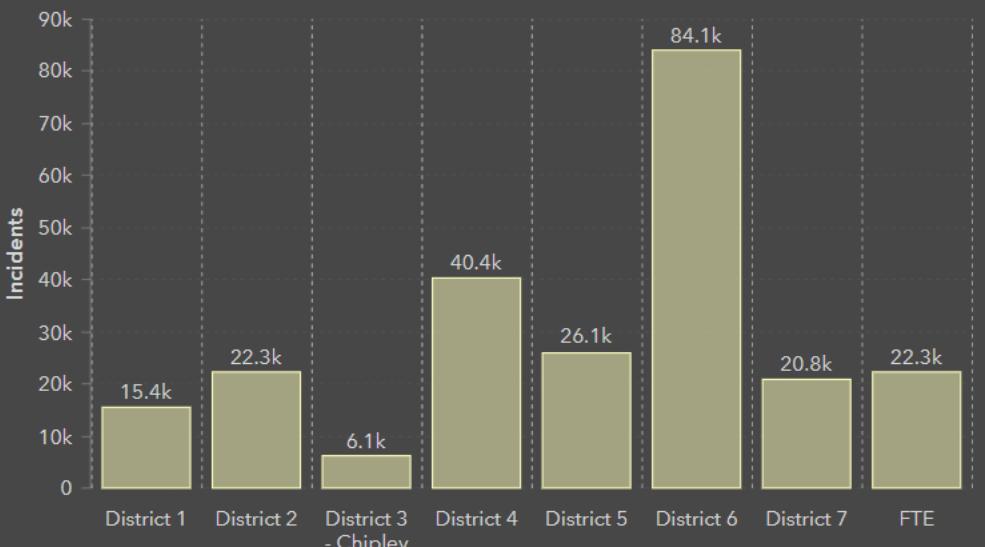
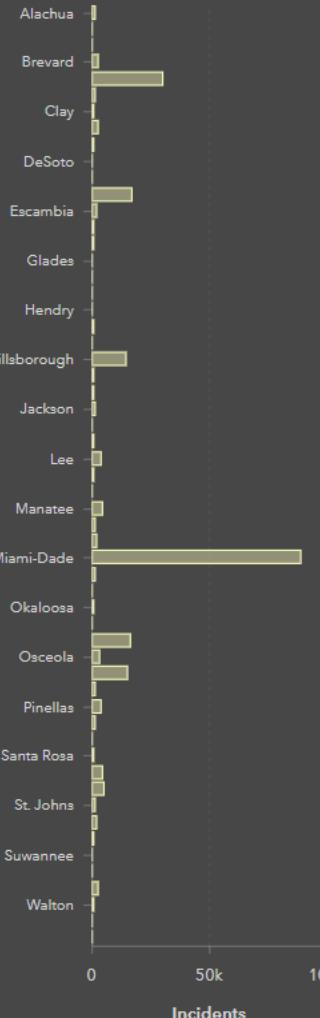
Level 2
52,983Level 1
147,666

Event Type Selector



Incidents

by District

Incidents
by County

Executive Summary

All Years

Incidents Over Time

Incidents Over Geography

Lane Closures

Road Ranger Locations (Live)

SHRP2 Trainers

Florida Highway Patrol

Safety

RISC

Fiscal Year

All

District

All

County

All

Major Corridor

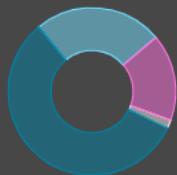
All

Reset Filters

CLEAR

REFRESH

Severity Selector



Level 3

19,710

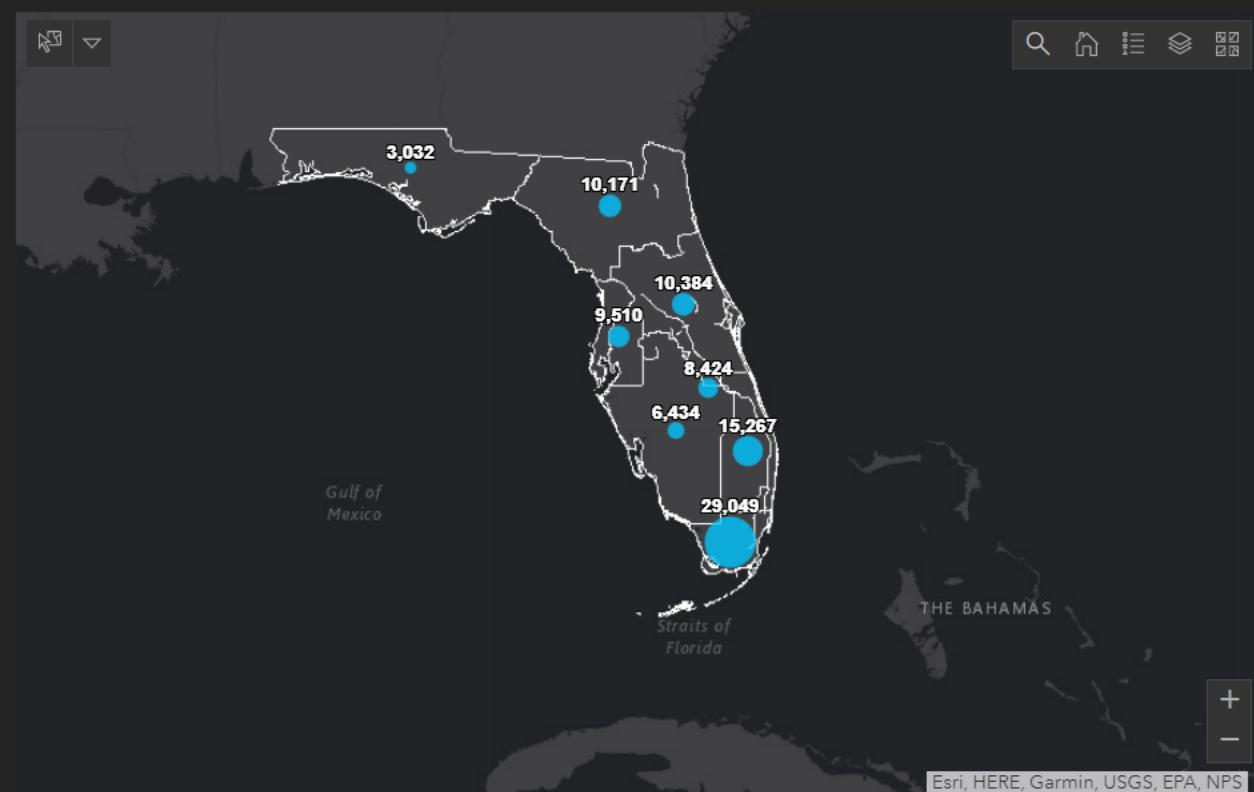
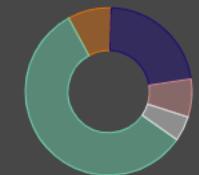
Level 2

29,127

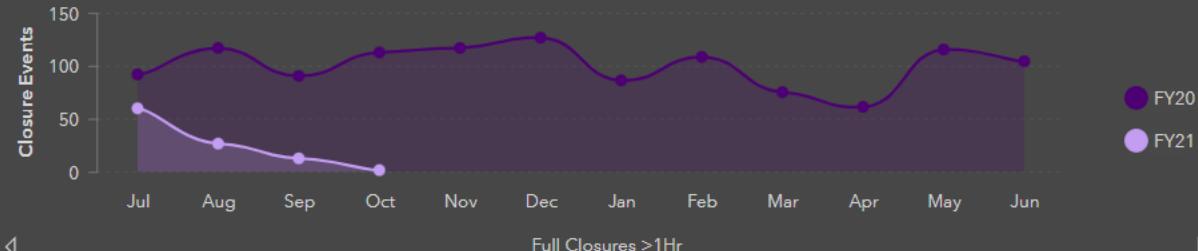
Level 1 or Unknown

68,762

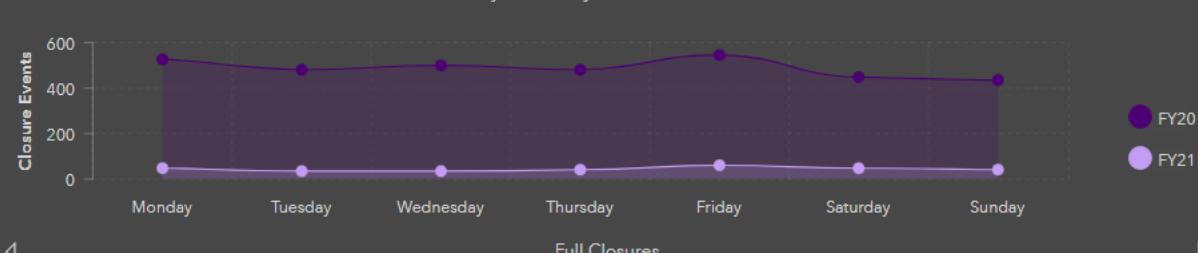
Event Type Selector

**Full Closures (> 1 hour)**

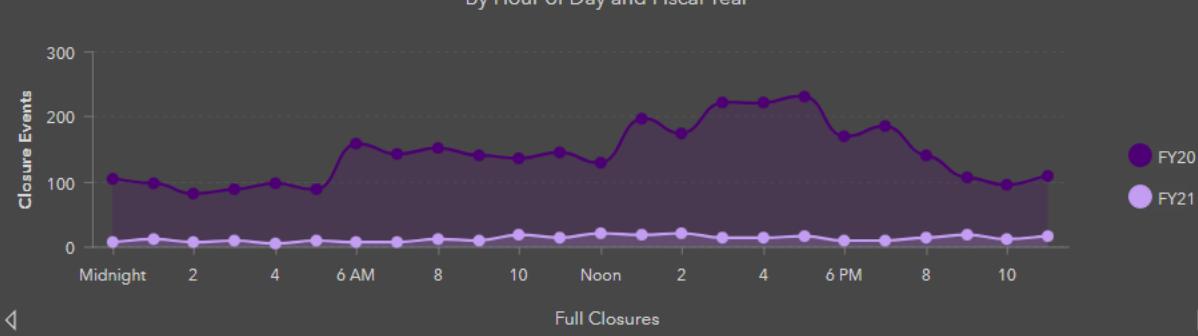
By Fiscal Month and Year

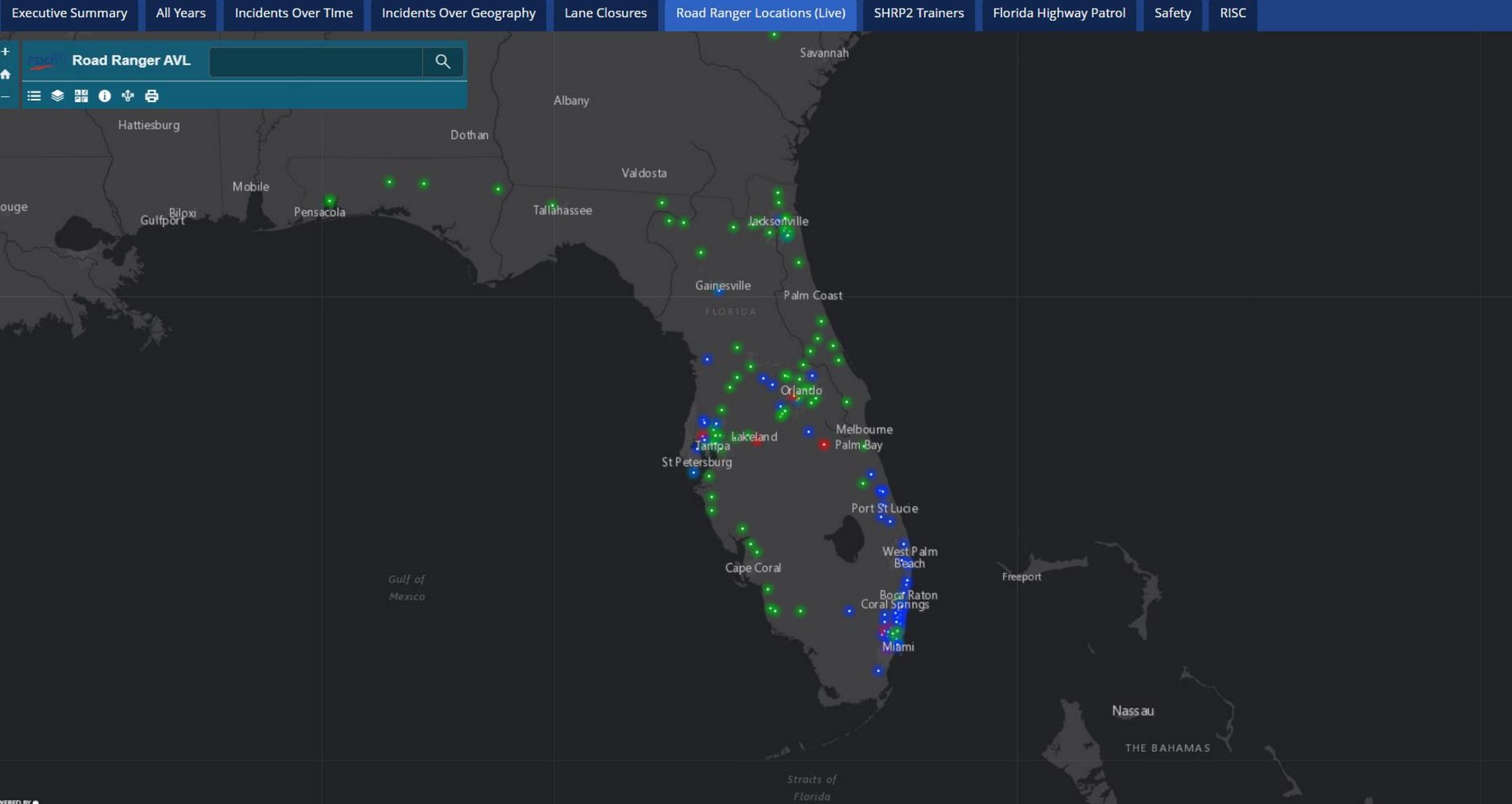
**Full Closures**

By Weekday and Fiscal Year

**Full Closures**

By Hour of Day and Fiscal Year





Executive Summary

All Years

Incidents Over Time

Incidents Over Geography

Lane Closures

Road Ranger Locations (Live)

SHRP2 Trainers

Florida Highway Patrol

Safety

RISC

SHRP2 Trainers

Organization Type

All

Agency

All

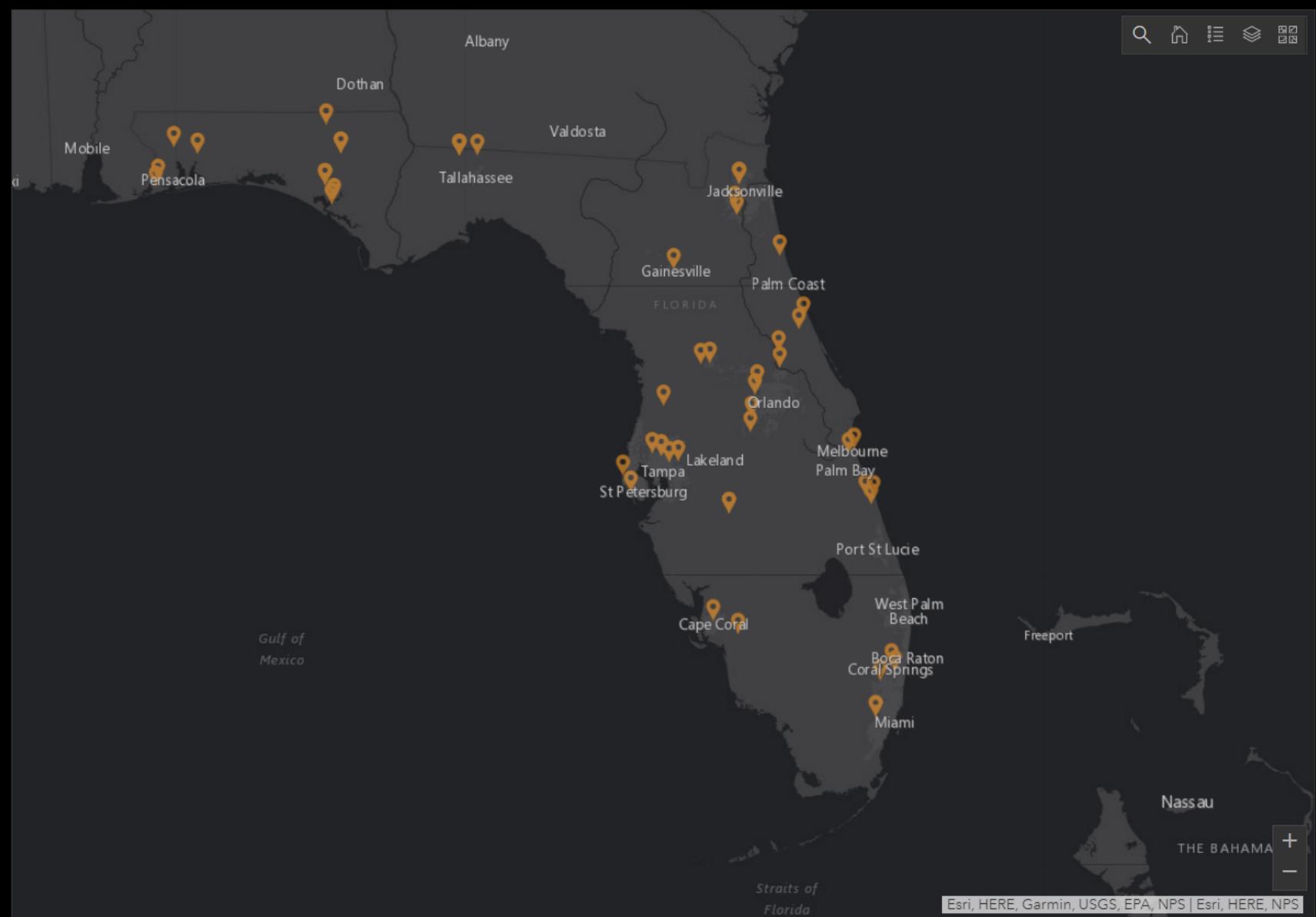
District

All

Reset Filters

CLEAR

REFRESH



Trainers

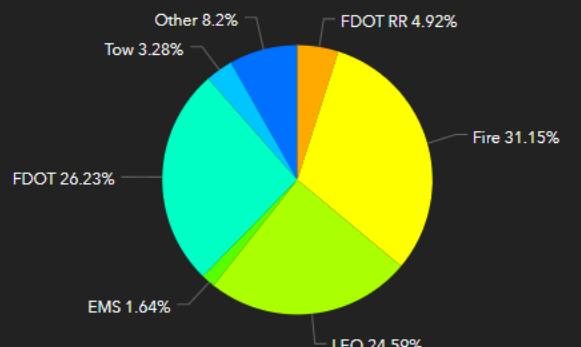
City: Wildwood, FL
 Name: Elizabeth Butler
 Title: Sergeant
 Agency: Sumter County Sheriff's Office
 Email: ebutler@sumtercountysheriff.org
 Phone: 3524463913

City: Cape Coral, FL
 Name: Allan Kolak
 Title: Lieutenant
 Agency: Cape Coral Police Department
 Email: akolak@capecoral.net
 Phone: 2395743223

City: Tampa, FL
 Name: Romona Burke
 Title: ITS Operations Support Manager
 Agency: FDOT D7
 Email: romona.burke@dot.state.fl.us
 Phone: 813-600-7179

City: Orlando, Florida
 Name: Lawrence Saxon
 Title: Incident Management Coordinator
 Agency: Florida Turnpike - North
 Email: Lawrence.saxon@dot.state.fl.us
 Phone: 4077202000

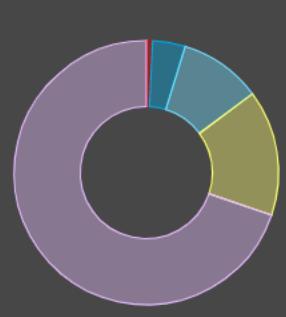
Organization Types



FHP Monthly Summaries (TCrash)

 Fiscal Year [All](#) ▾ County [All](#) ▾ District [All](#) ▾ [Reset Filters](#) [CLEAR](#) [REFRESH](#)

Severity Selector



Fatal Injury Events

7,484

Incapacitating Injury Events

39,316

Non-Incapacitating Injury Events

99,070

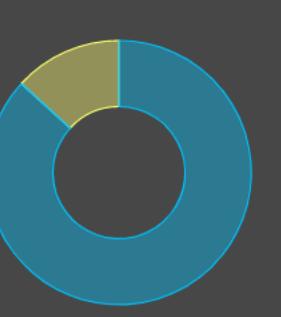
Possible Injury Events

151,248

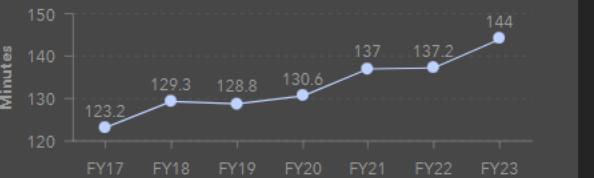
PDO Events

686,891

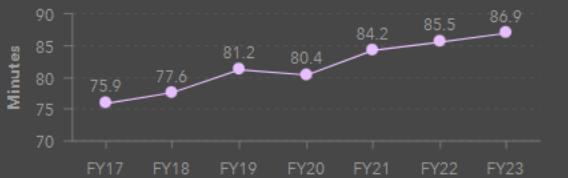
Lane Blockage Selector



Average Incident Clearance Time (ICT) by Fiscal Year



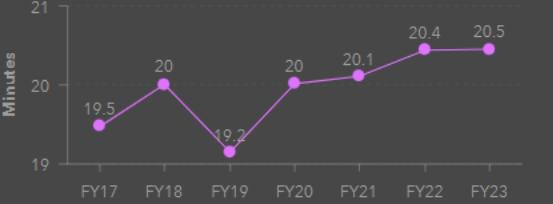
Average Roadway Clearance Time (RCT) by Fiscal Year



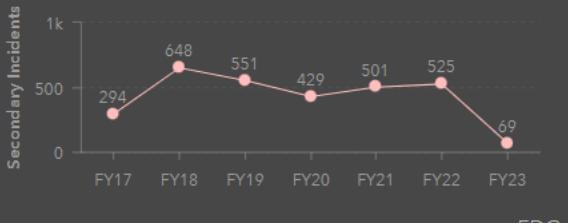
EDC-4

EDC-4

Average FHP On-Scene Time (FHPO) by Fiscal Year

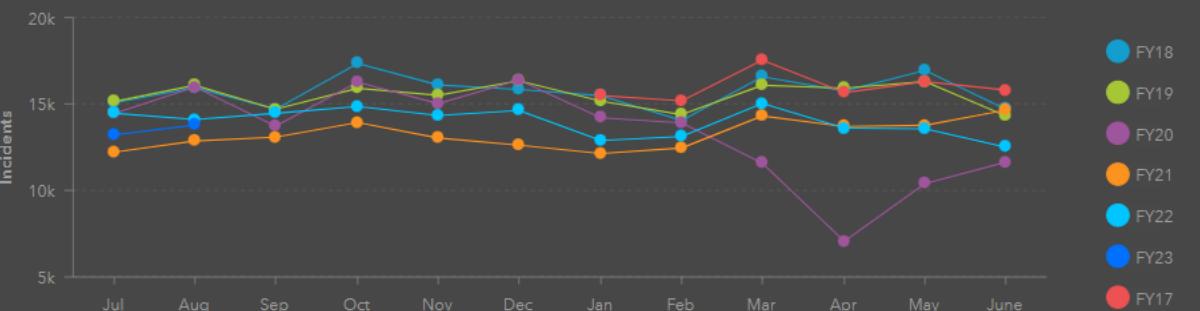


Secondary Incidents by Fiscal Year



Incidents

by Fiscal Month and Fiscal Year


 FY18
 FY19
 FY20
 FY21
 FY22
 FY23
 FY17

Summary points are static and do not change with filtering. Data includes lane blockage events only. All times displayed are local.

[Map](#) [Districts \(Incidents\)](#) [Districts \(ICT\)](#) [Districts \(RCT\)](#) [Fiscal Year \(ICT\)](#) [Fiscal Year \(RCT\)](#)

Zoom in to see FHP Incident Data

Executive Summary

All Years

Incidents Over Time

Incidents Over Geography

Lane Closures

Road Ranger Locations (Live)

SHRP2 Trainers

Florida Highway Patrol

Safety

RISC

Road Ranger Safety Dashboard

Incident Severity

All

District

All

Reset Filters

CLEAR

REFRESH

6

Fatal Incidents

47

Injury Incidents

194

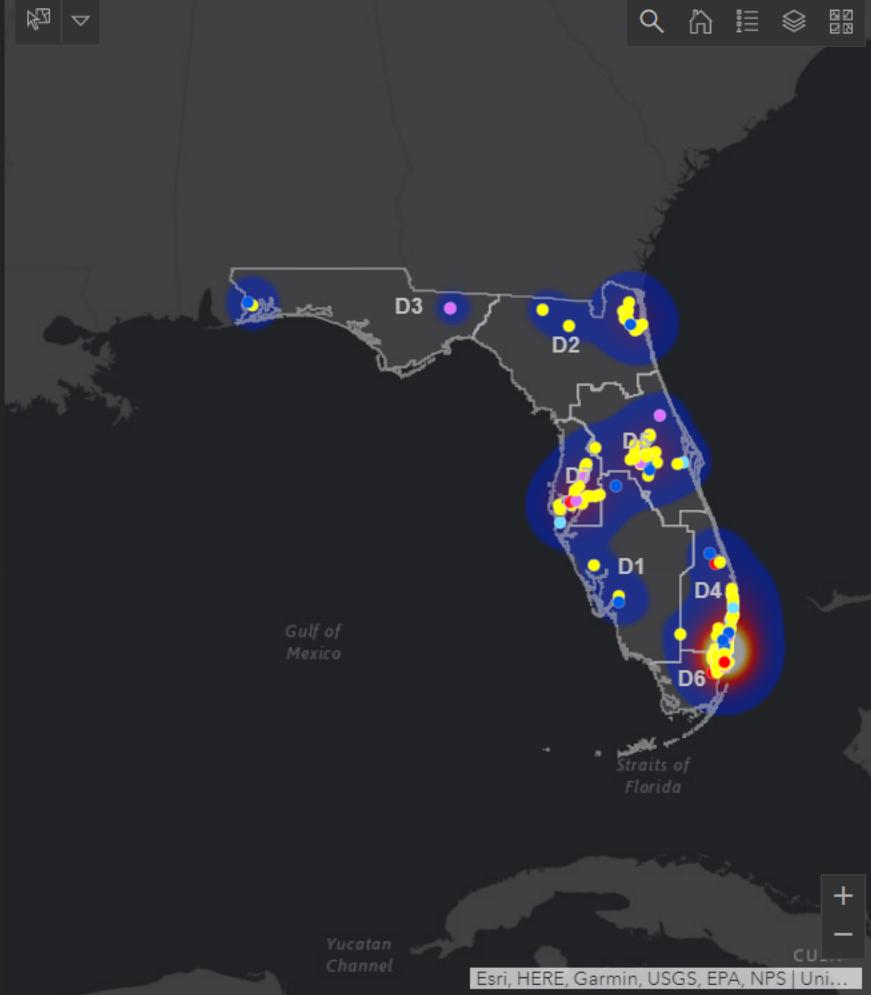
PDO Incidents

Road Ranger Assisting Struck Bys

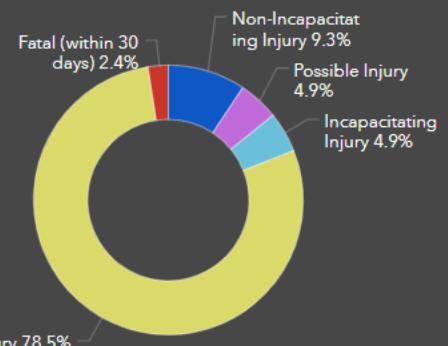
- No Injury
- Possible Injury
- Non-Incapacitating Injury
- Incapacitating Injury
- Fatal (within 30 days)

Road Ranger Assisting Struck-Bys - Heatmap

High
Low



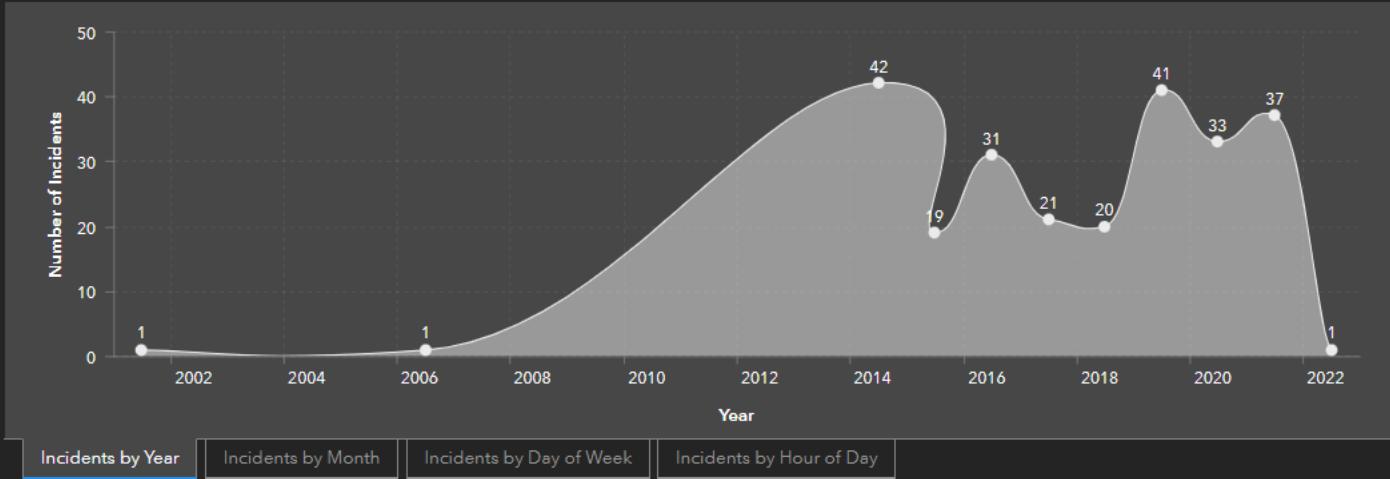
Incident Severity



Severity

Left
10.1%Unknown
17.4%Front
8.5%

Road Ranger Crash Impact Locations

Right
2%Rear
60.7%Other
1.2%

Road Ranger Safety Dashboard

Incident Severity: All | District: All | Reset Filters | CLEAR | REFRESH

6

Fatal Incidents

47

Injury Incidents

194

PDO Incidents

Road Ranger Assisting Struck Bys

- No Injury
- Possible Injury
- Non-Incapacitating Injury
- Incapacitating Injury
- Fatal (within 30 days)

Road Ranger Assisting Struck-Bys - Heatmap

High (Yellow) | Low (Blue)

Gulf of Mexico | Straits of Florida | Yucatan Channel

Esri, HERE, Garmin, USGS, EPA, NPS | Uni...

Incident Severity

Severity Category	Percentage
No Injury	78.5%
Fatal (within 30 days)	2.4%
Non-Incapacitating Injury	9.3%
Possible Injury	4.9%
Incapacitating Injury	4.9%
Unknown	17.4%
Front	8.5%
Left	10.1%
Right	2%
Rear	60.7%
Other	1.2%

Front 8.5% | Left 10.1% | Right 2% | Rear 60.7% | Other 1.2%

Incidents by Year

Year	Number of Incidents
2001	1
2006	1
2014	42
2015	19
2016	31
2017	21
2018	20
2019	41
2020	33
2021	37
2022	1

Incidents by Month | Incidents by Day of Week | Incidents by Hour of Day

Executive Summary All Years Incidents Over Time Incidents Over Geography Lane Closures Road Ranger Locations (Live) SHRP2 Trainers Florida Highway Patrol Safety RISC

RISC Implementation Log

Districts All Date Range 4/12/2014 1/9/2023 Reset Filters CLEAR REFRESH

Total
1,789
RISC Activations

Average
162.7
Incident Duration in Minutes

Note: Only 58% of RISC Events have been mapped. Unmapped event data will not appear on map, but are included in graphs summaries.

Incidents

District	Incidents
1	108
2	84
3	128
4	203
5	159
6	143
7	183
FTE	789

Incentive Paid

District	Total Amount Paid
1	215.3k
2	145.5k
3	241k
4	442k
5	314.9k
6	408.5k
7	480k
FTE	2.3M

Average NTP

District	Avg. Time (Minutes)
1	25.1
2	46.9
3	21.2
4	27
5	27.6
6	14.8
7	18.7
FTE	23.2

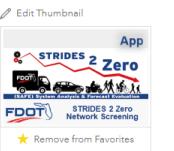
Time to RISC Clearance (Stop and Restarts)

District	Avg. Time (Minutes)
1	89.4
2	129.3
3	87.8
4	77.3
5	73.3
6	63.3
7	60.7
FTE	51.7

FDOT Roadway Safety Management Application

- 2 linked operations dashboards
- Overview dashboard functions as a statewide summary flagging the most unsafe sections of FDOT maintained roadways
- Map popup in the overview dashboard contains a parameterized url that links out to a second operations dashboard.
- The detail dashboard allows the user to explore 5 years of FDOT crash data and a Bayesian analysis of the Excess Expected Crashes for each 0.5 mile ‘sliding window’ along the segment

FDOT Roadway Safety Management Application - Network Scree...



SPF Network Screening Results for CARS crashes 2014-2019
 Dashboard by KNHNTBT
 Created: Nov 14, 2022 Updated: Dec 20, 2022 View Count: 159
 Remove from Favorites

Description

Introduction: The STRIDES 2 Zero Program

The State Traffic Roadway and Intersection Data Evaluation System (STRIDES) 2 Zero program enhances highway safety management practices in Florida through a data-driven process. The program provides highway safety management solutions for different transportation modes. The System Analysis and Forecast Evaluation (SAFE) subprogram under the STRIDES 2 Zero focuses on the network screening tool to identify roadway sites for safety improvements.

The objectives of the STRIDES 2 Zero (S2Z) initiative include:

1. Apply state-of-the-art predictive analysis tools to implement the highway safety management procedures included in the Highway Safety Manual (HSM).
2. Identify engineering countermeasures to improve safety and mobility of the State Highway System (SHS) roadway network with a data-driven decision-making process.
3. Monitor safety and operational performance of roadway facilities after implementing infrastructure improvements and document investment benefits from efforts taken by the Florida Department of Transportation (FDOT).

FDOT Roadway Safety Application - Network Screening Analysis Dashboard

The FDOT Roadway Safety Application - Network Screening Analysis Dashboard shows the performance measure of the State Highway System (SHS) roadway network, excluding limited access facilities (freeways/interstates, managed lanes), signalized intersections, and ramps. The performance measure used to rank roadway segments is calculated as the Excess Expected Average Crash Frequency with Empirical Bayes (EB) Adjustment, deemed to be as the most reliable method to identify sites having the potential for safety improvements.

The dashboard provides the flexibility to rank roadway segments across the state or by district based on either Fatal-and-Injury (FI) Excess Expected Average Crash Frequency or Total Excess Expected Average Crash Frequency using six years of crash data (2014 through 2019). Segments can further be ranked within a context class. The map and charts in the dashboard are interactive and show pertinent data based on selection.

In addition, the dashboard has an additional view page called Sliding Window Viewer, activated upon the selection of a segment. The Sliding Window Viewer page allows the user to see performance measures of running or sliding windows (0.3 or 0.5 miles of length) along the selected segment, an added advantage to identify the most problematic sections within a long segment. The AASHTO Highway Safety Manual (HSM) describes the driving logic behind the implementation of the sliding window method utilized in this analysis:

"In the sliding window method, a window of a specified length is conceptually moved along the road segment from beginning to end in increments of a specified size. The performance measure chosen to screen the segment is applied to each position of the window, and the results of the analysis are recorded for each window. A window pertains to a given segment if at least some portion of the window is within the boundaries of the segment. From all the windows that pertain to a given segment, the window that shows the most potential for reduction in crash frequency out of the whole segment is identified and is used to represent the potential for reduction in crash frequency of the whole segment. After all segments are ranked according to the respective highest subsegment value, those segments with the greatest potential for reduction in crash frequency or severity are studied in detail to identify potential countermeasures." - Highway Safety Manual (AASHTO, 2010)

FDOT Contact

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 Traffic Engineering and Operations
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 Phone: 850-410-5417

Network Screening Analysis

SHS Roadway Segment Ranking

#1 is the worst performing segment by selected ranking method based on crashes from 2014 to 2019

Limited access roadways and interstates are not included

Roadway ID: 15150000
Begin Milepost: 24.66
End Milepost: 25.78

District: D7
Context Class: C3C
Segment Length: 1.12 miles

Statewide Rank by FI Excess Expected Crashes: #1
District Rank by FI Excess Expected Crashes: #1

Statewide Rank by Total Excess Expected Crashes: #4
District Rank by Total Excess Expected Crashes: #1

Total Excess Expected Crashes: 49.17 per year
FI Excess Expected Crashes: 26.44 per year
PDO Excess Expected Crashes: 22.73 per year

Roadway ID: 15150000
Begin Milepost: 23.18
End Milepost: 24.52

District: D7
Context Class: C3C
Segment Length: 1.34 miles

Statewide Rank by FI Excess Expected Crashes: #2
District Rank by FI Excess Expected Crashes: #2

Statewide Rank by Total Excess Expected Crashes: #14
District Rank by Total Excess Expected Crashes: #2

Total Excess Expected Crashes: 34.8 per year
FI Excess Expected Crashes: 15.92 per year
PDO Excess Expected Crashes: 18.88 per year

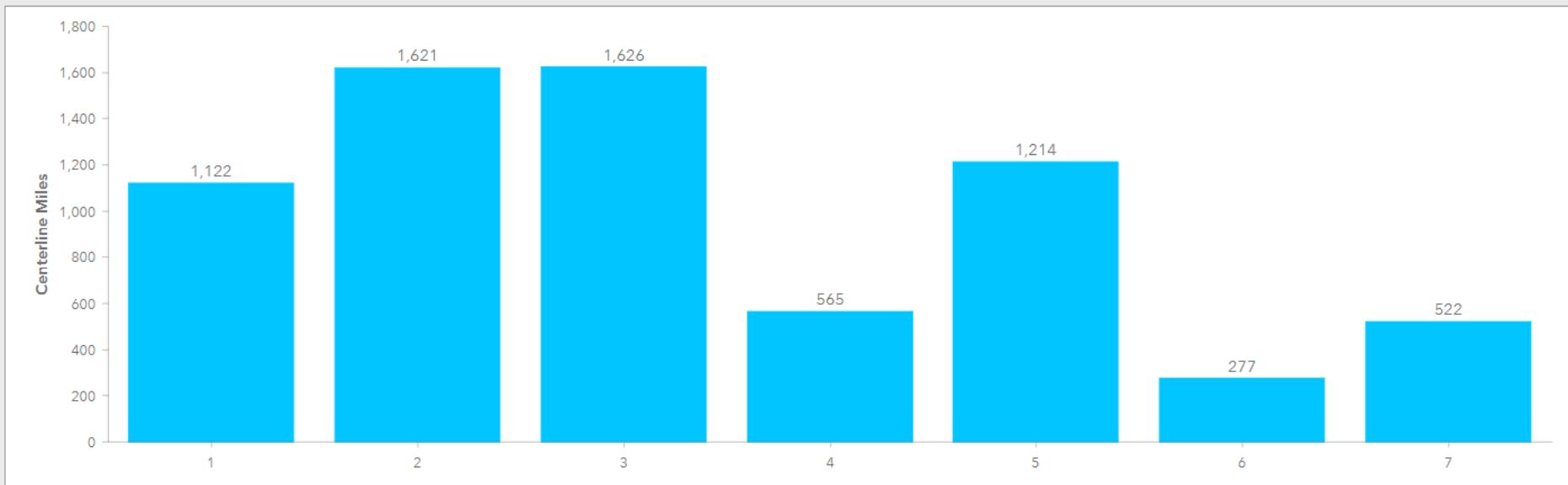
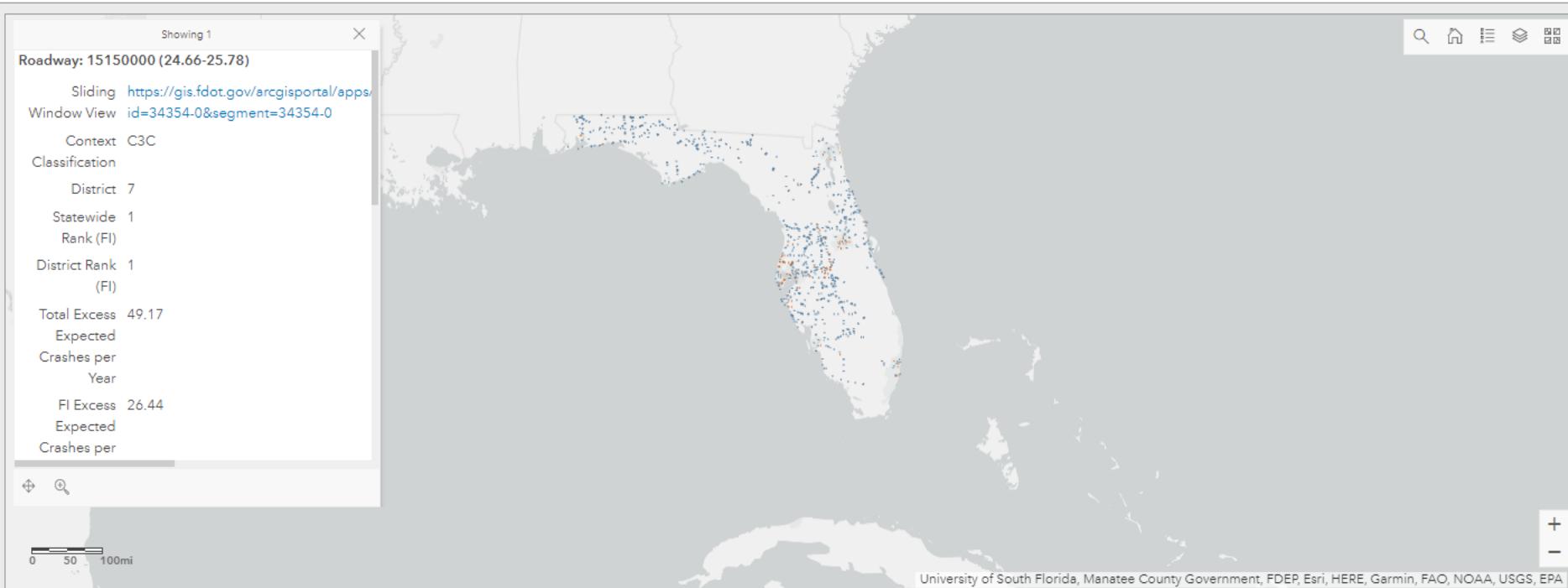
Roadway ID: 14030000
Begin Milepost: 0.69
End Milepost: 0.94

District: D7
Context Class: C3C
Segment Length: 0.25 miles

Statewide Rank by FI Excess Expected Crashes: #3
District Rank by FI Excess Expected Crashes: #3

Statewide Rank by Total Excess Expected Crashes: #79
District Rank by Total Excess Expected Crashes: #10

Total Excess Expected Crashes: 20.06 per year
FI Excess Expected Crashes: 14.18 per year
PDO Excess Expected Crashes: 5.88 per year





Selected Sliding Windows

10

Max Total

49.17

Excess Expected Crashes

Max FI

26.44

Excess Expected Crashes

Max PDO

22.73

Excess Expected Crashes

Sliding Window Selector

Click on an item below to select a sliding window

Roadway ID: 15150000
 Begin Milepost: 25.06
 End Milepost: 25.36
 Length: 0.3 miles

Average Excess Expected Crashes per Year

Total: 49.17

FI: 26.44

PDO: 22.73

Sum of Observed Crashes for All Years

Total: 363

FI: 195

PDO: 168

Years Used in Crash Calculations: 2014,2015,2016,2017,2018,2019

Roadway ID: 15150000
 Begin Milepost: 24.96
 End Milepost: 25.26
 Length: 0.3 miles

Average Excess Expected Crashes per Year

Total: 35.53

FI: 21.32

PDO: 14.21

Sum of Observed Crashes for All Years

Total: 278

FI: 163

PDO: 115

Years Used in Crash Calculations: 2014,2015,2016,2017,2018,2019

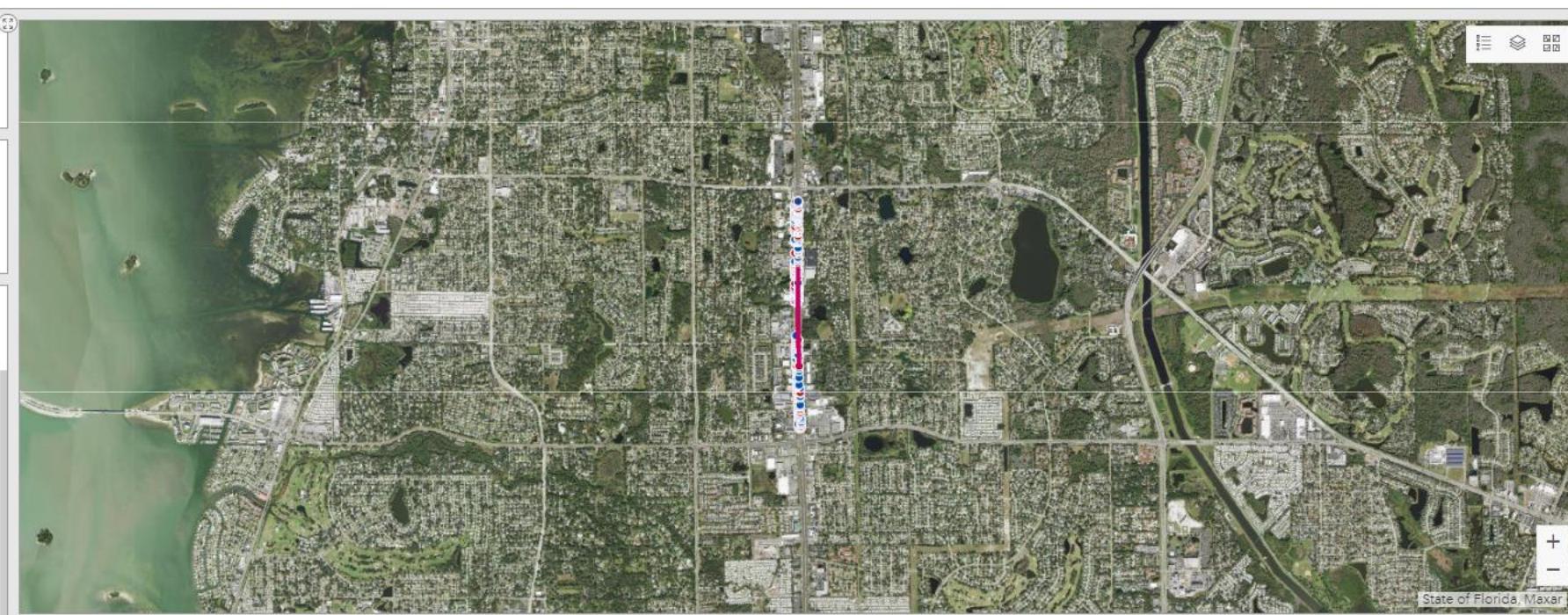
Roadway ID: 15150000
 Begin Milepost: 25.16
 End Milepost: 25.46
 Length: 0.3 miles

Average Excess Expected Crashes per Year

Total: 37.47

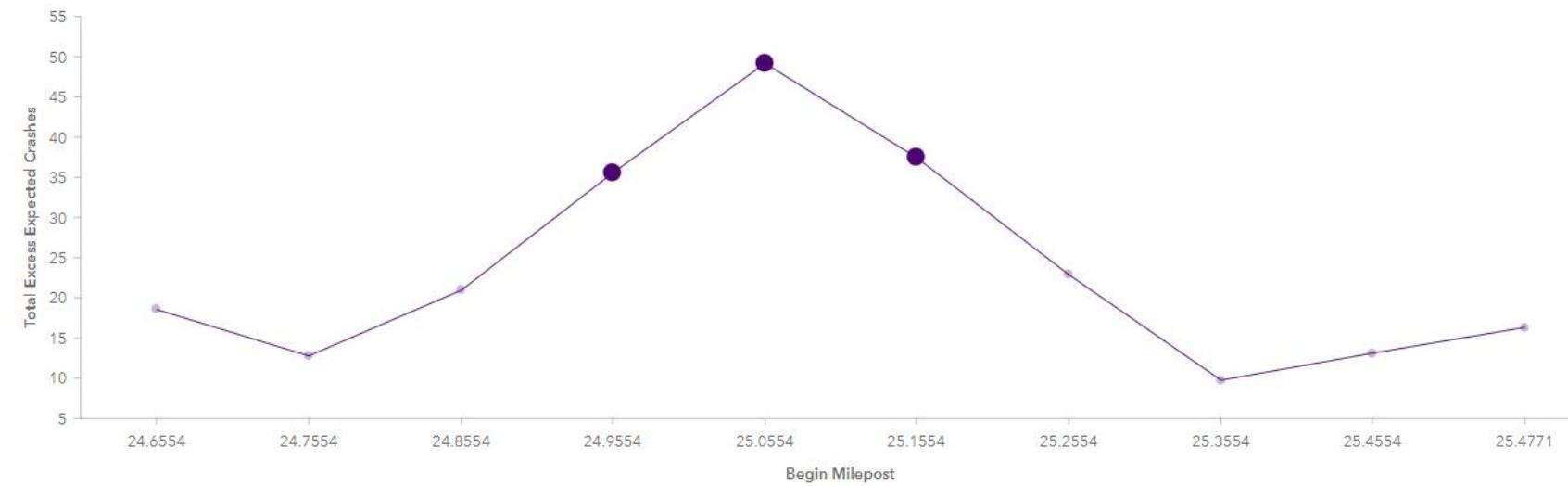
FI: 18.92

PDO: 18.55

Sum of Observed Crashes for All Years

Total Excess Expected Crashes Along Sliding Windows

Visualized at Begin Milepost



Total Excess Expected Crashes

FI Excess Expected Crashes

PDO Excess Expected Crashes

Total Observed Crashes

FI Observed Crashes

PDO Observed Crashes