AASHTOWare Safety:

Weekly Calls

August 27th, 2025

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Today’s Agenda

- Data
- Next Steps
- Alternative Design
- Release

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Discussion

- Data
  - Ben to talk about AADT for one side
- Next Steps
    - Network Screening
      - Dates: Sept 10th
  - Alternative Design
    - Setup only missing crash modification factors
      - AASHTOWare to put in Distributions
        - 2015

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Success Outcomes

- Perform Predictive Alternative Designs
  - Replace the IHSDM Software with AASHTOWare Safety
    - Rural Two-Lane, Two-Way Roads
    - Rural Multilane Highways
    - Freeways
    - Urban and Suburban Arterials
- Crash Data Self-Service
  - Crashes Visualized On a Map
  - Visualized, Download Crash, Vehicle, and Person Data
  - Identify trends and create custom reports
- Generate Segment Network Screenings
  - Generate On-Demand Network Screening for Segments and Sliding Window

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Project Timeline

Phase	Milestone	2025						
		May	June	July	August	September	October	November
Phase 1	Crash Data Collection	2 Months Estimated Completion Time						
Phase 1	Segment Data Collection		2 Months Estimated Completion Time					
Phase 1	Crash/ Segment Implementation		4 Months Estimated Completion Time					
			Crash Query		Network Screening Sliding Window Analysis			
Phase 2	Alternative Design Implemenation						2 Months Estimated Completion Time	
							Alternative Design	

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Product Roadmap

Q4 2024 Nov

- TESTED Open SA from CQ
- TESTED CD: Filter Bar
- TESTED AD: New Roadway
- "Not In" Polygon Filter
- Crash Flyout: Clickable Links

Q1 2025 Feb

- TESTED Updates to NS
- TESTED Assets Tied to Crashes
- SA: Project Selection
- Layers on All Maps
- AD: Custom CMFs
- AD: Autofill Standards
- New Data Connector

Q2 2025 May

- CD: Simplified Logic
- Asset Filtering
- AD: HSM 2 Calculations
- Data Error Transparency
- Download Runner
- Dashboard Backend Update
- ADA WCAG 2.1 AA

Q3 2025 Aug

- Stylized Dashboards
- AD: HSM 2 Calculations
- AD: Calibration
- AD: Import State CMFs
- Fed-Required Reports
- Before / After Comparison
- Dashboards: KABCO Charts

Released · From Users · TESTED User Tested

New Feature · Infrastructure · Maintenance

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Q3 2025 Release Features

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Features

- Dashboard Color & Branding Enhancements
- Dashboard Text Box Upgrade
- Shapefile Export
- Default User Role
- Display Polygon Name & Area
- Alternative Design Application Enhancements
- Predictive Analysis now supports Inverse Gamma MLOSS calculations

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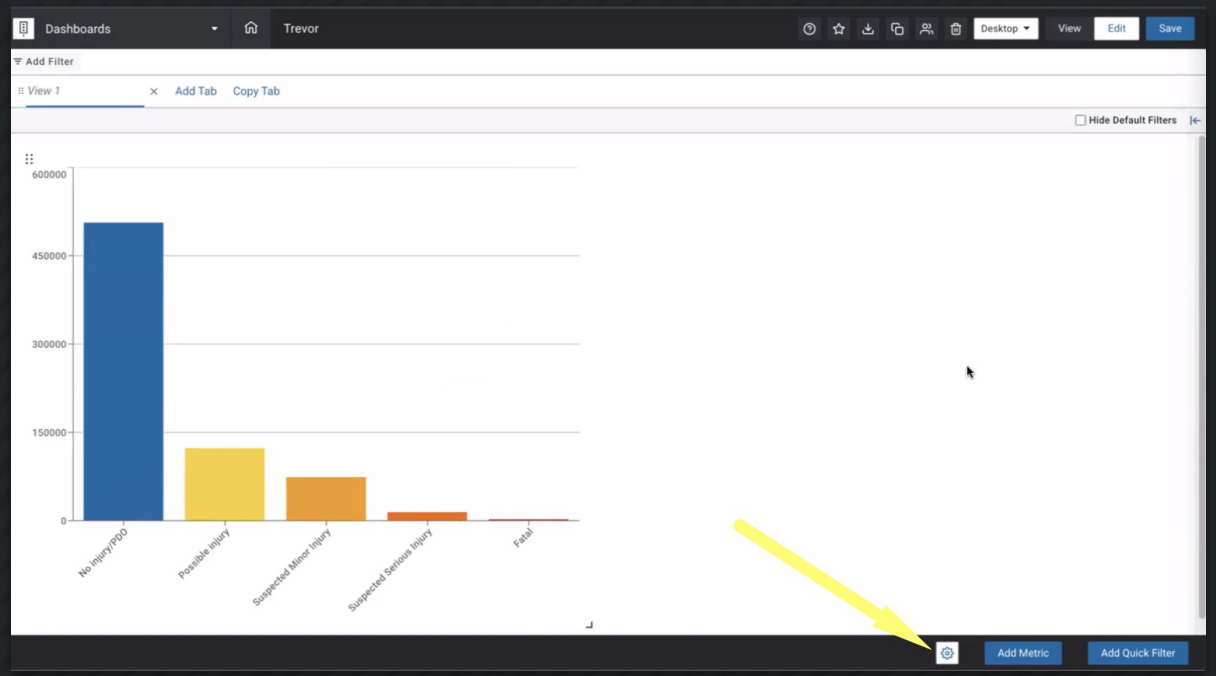
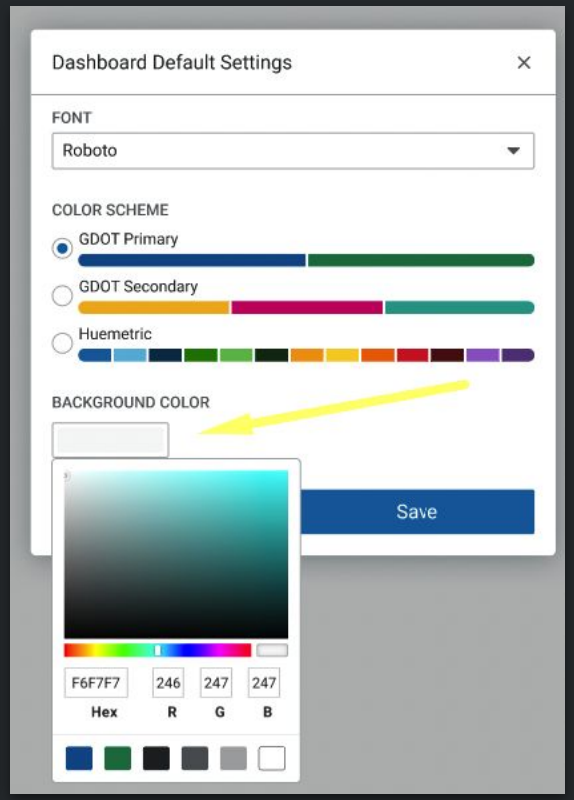
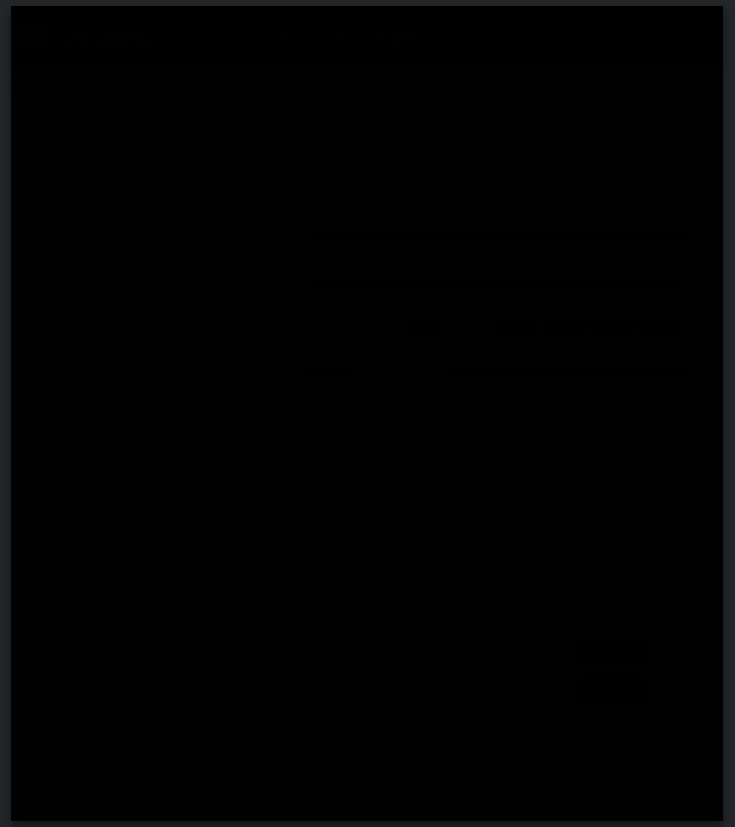
Dashboard Color & Branding Updates

- Configurable Dashboard Color Schemes
- Custom Value Colors
- Font Selection
- New Dashboard Background Color







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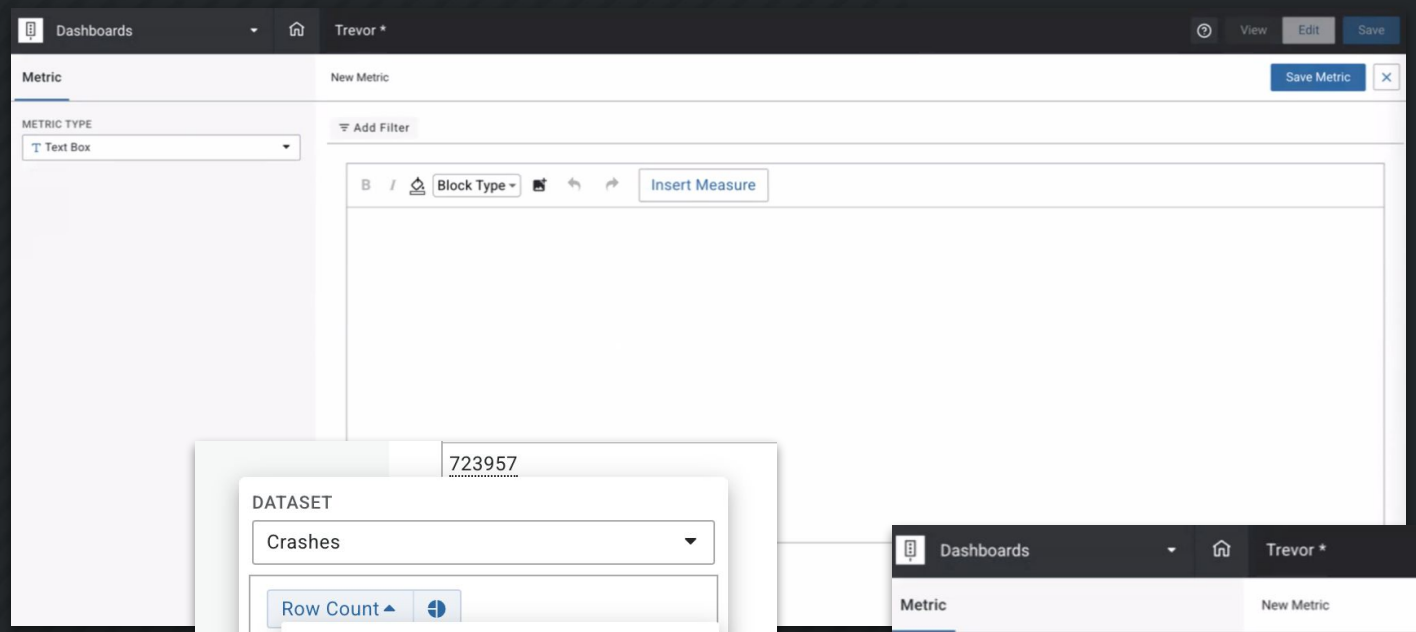
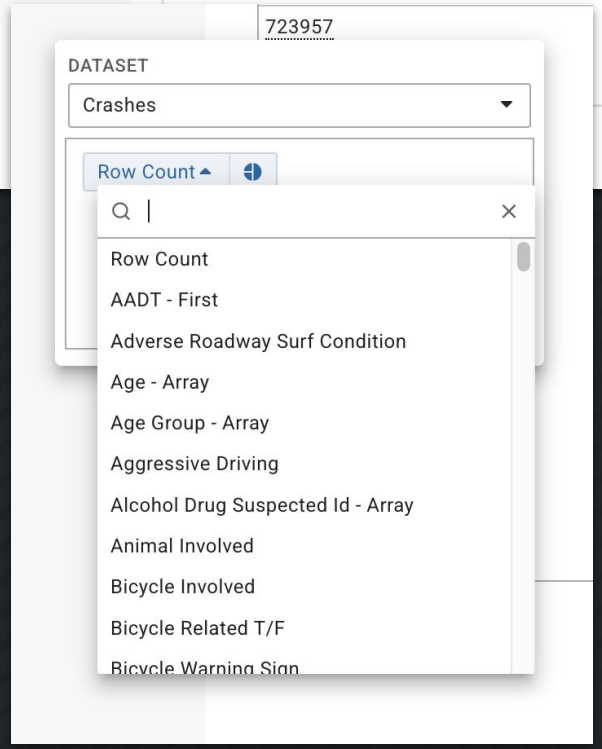
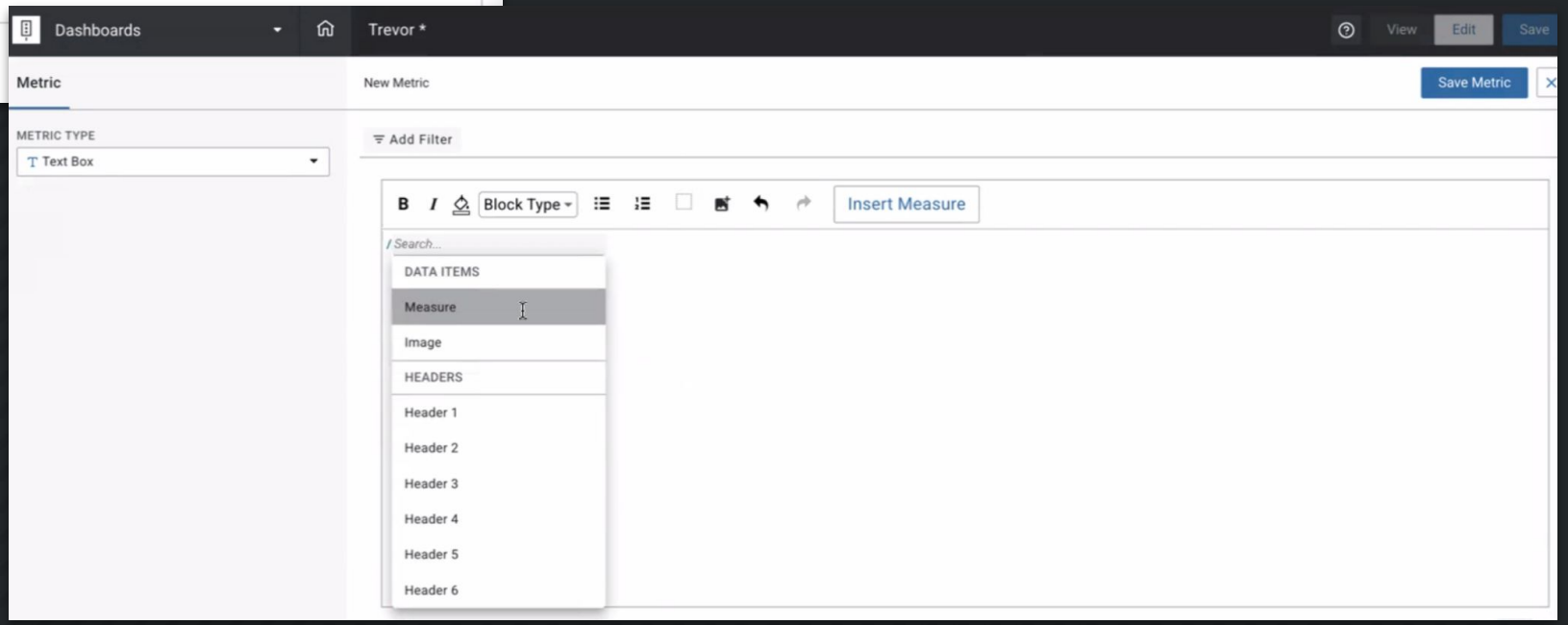
Dashboard Text Box

- Visible formatting options
- Math capability now included within the text box
- Slash Features

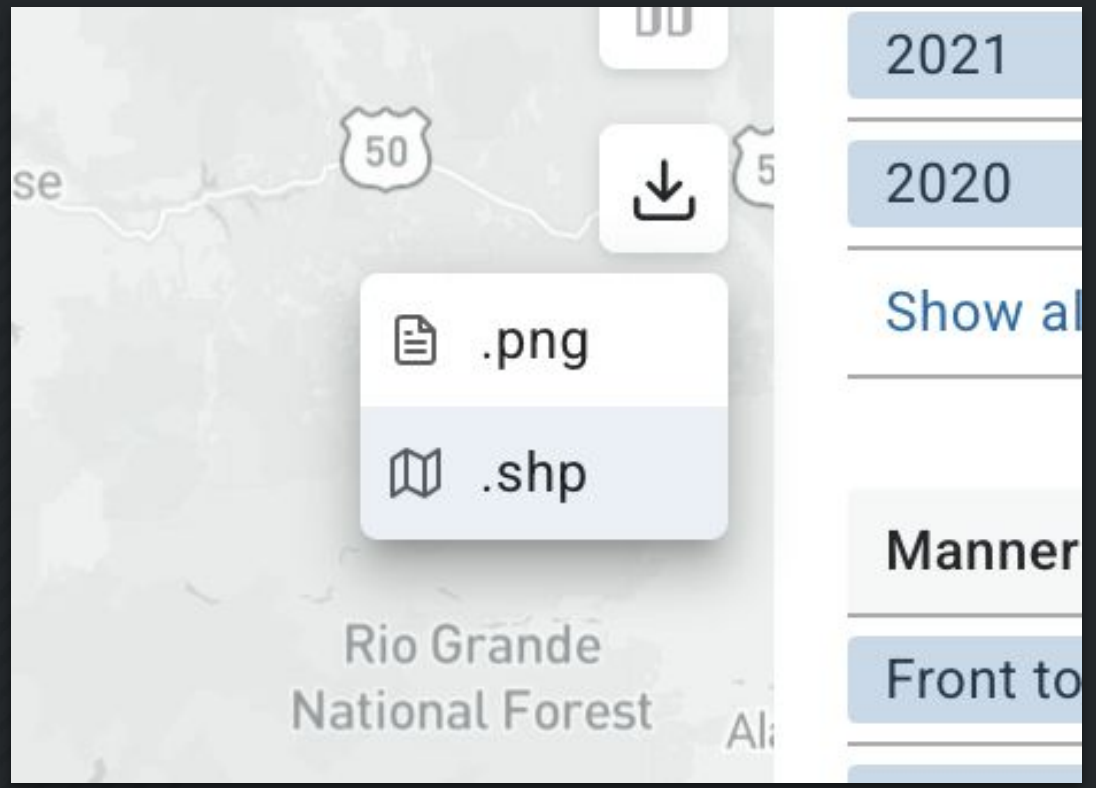






Shapefile Export

- From the map download, users now have the .shp option
  - The download respects the added filters



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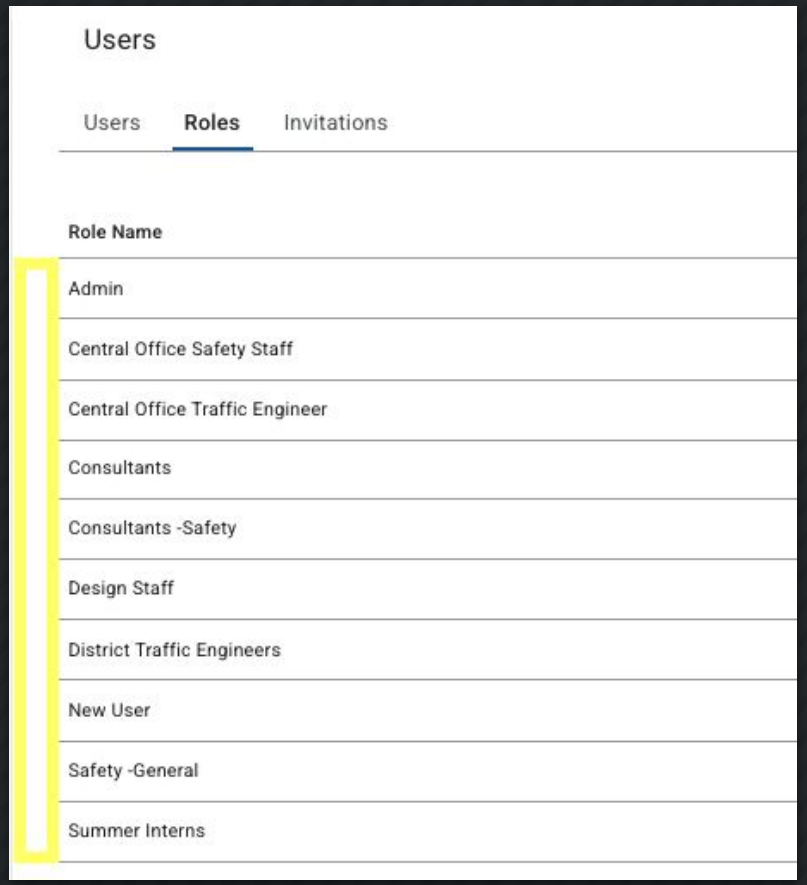
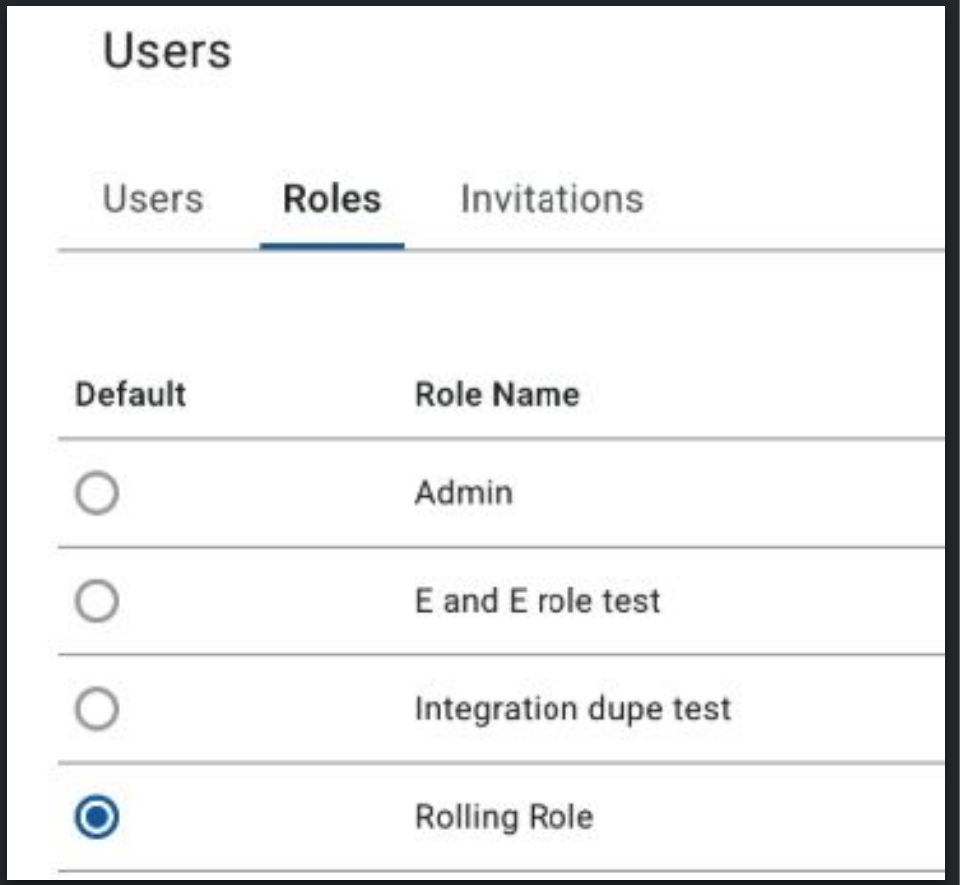
Default User Role



- The ability to select a User Role as a default for new user invites
- Note: SSO Users get this permission set when added to an Org



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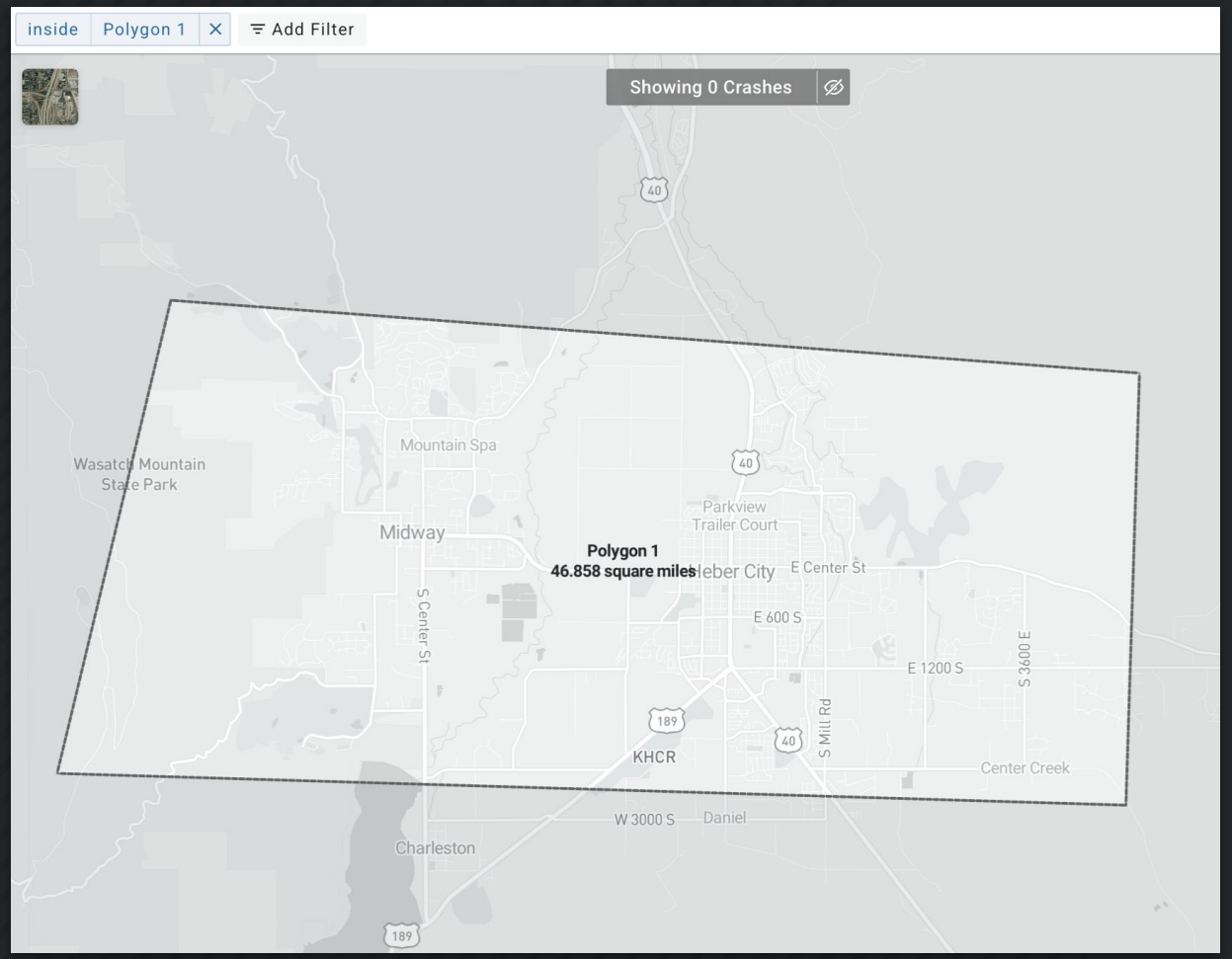
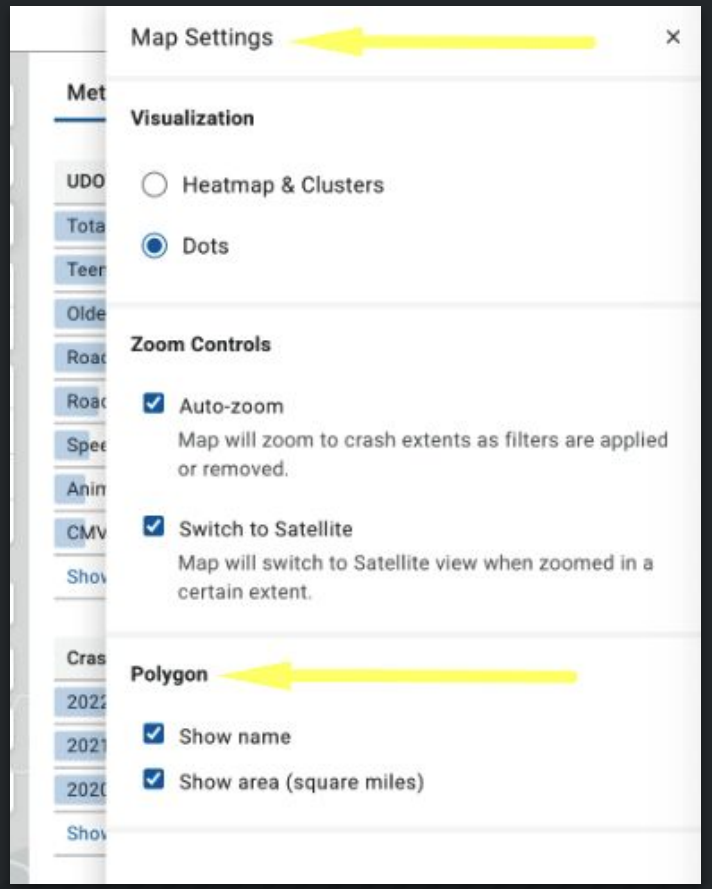
Polygon Name & Area



- The ability to display the name and square miles of a polygon



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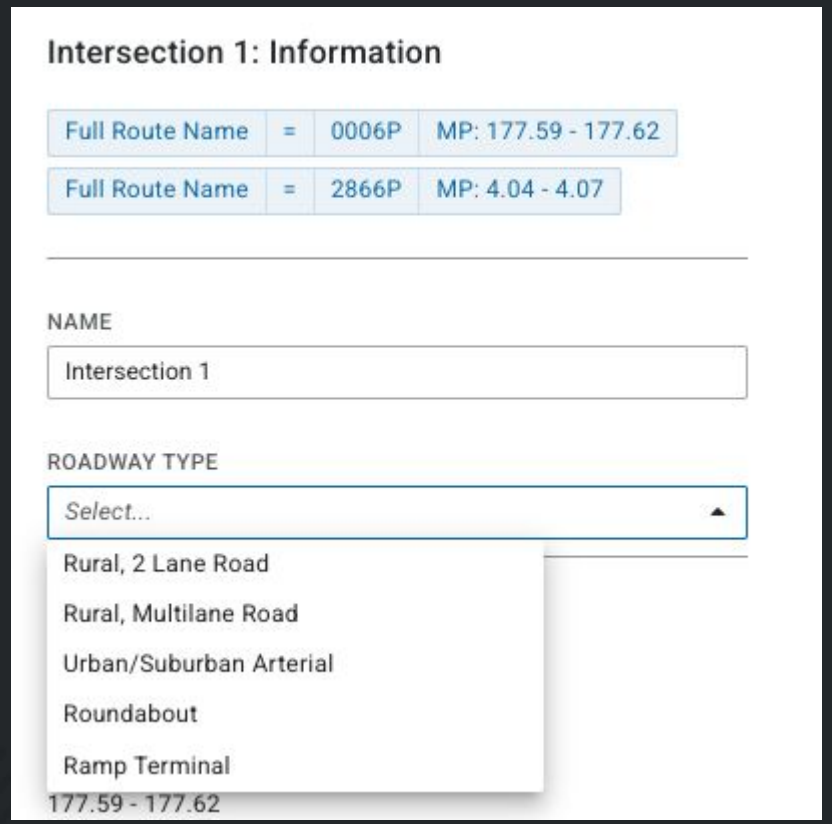
Alternative Design

- Roundabouts are now Supported
- Notes are no longer required for Custom CMFs, but they can still be used
- Calibration factors are pre-filled as a “1”
- Updated the Settings for a New Road by removing the AADT requirement



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Predictive Analysis

- Predictive Analysis now supports Inverse Gamma MLOSS calculations

SPF Group Name	Filter(s)	Inverse Gamma Thresholds Low	High
All Crashes	None	0.1	0.9
KABC	Crash Injury Severity = Suspected Serious Injury (A), Suspected Minor Injury (B), Fatal Injury (K), Possible Injury (C)	0.1	0.9
O	Crash Injury Severity = No Apparent Injury (O)	0.1	0.9

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Next Steps

Kentucky:

- Ed to send over additional Crash/Person/Vehicle Data (Prior to 2020)
- State Specific CMF's - Alex (Future)

Numetric:

- Setup Demo Training Crash Query/Network Screening

Next Call:

Normal Call: September 10th

Network Screening UAT: 17th

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