



Safety Platform

Don Butler (NDOT), Danny Anderson (Numetric)

2026 AASHTOWare Connect | Des Moines, IA | April 21-22, 2026

Agenda

- Company Overview
- Numetric / AASHTOWare partnership
- Approach to Safety
- Approach to Data
- Demo
- Open Discussion



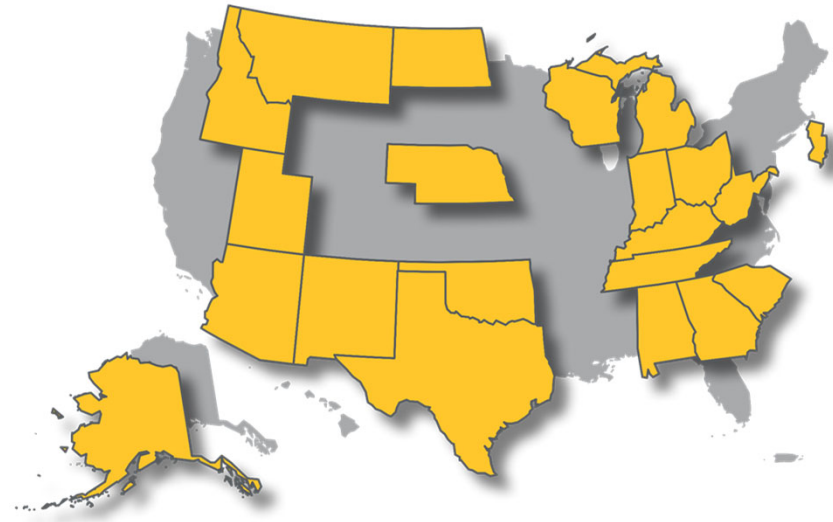
Founded 2014 by civil engineers
Based in Salt Lake City, Utah
AASHTOWare Safety Solution
Provider since 2020
Working in 22 States



Partners



OKLAHOMA
Transportation



MONTANA
MDT
DEPARTMENT OF TRANSPORTATION



NORTH
Dakota | Transportation
Be Legendary.



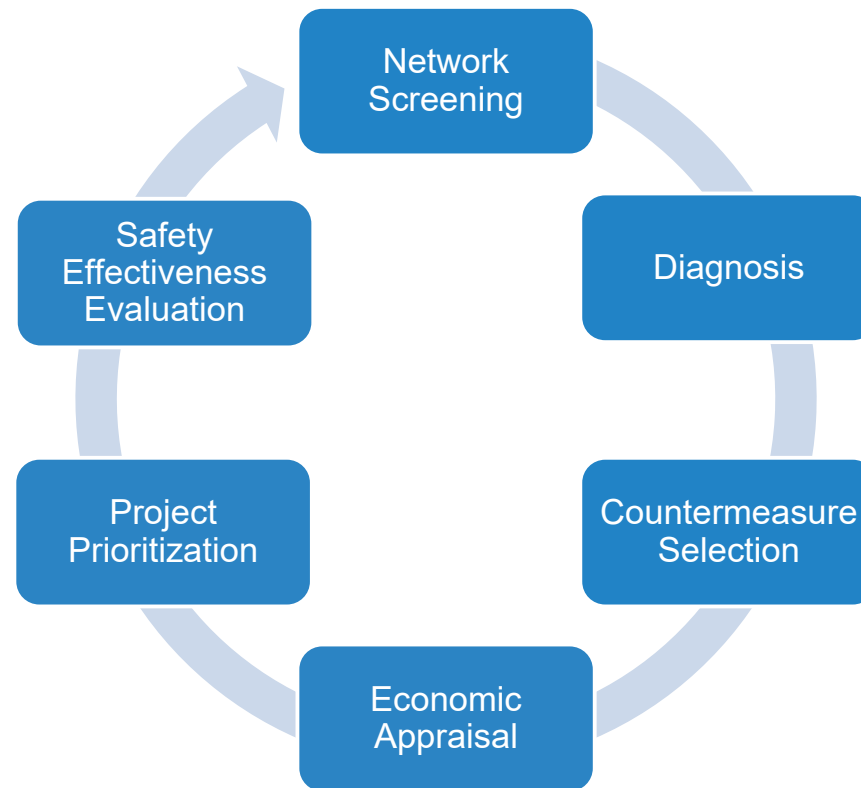
Current Partner States

- 23 Partner Accounts
- Approaching 35 million crash records
- Over 4.1 million roadway miles
- 47% of all roads within the nation



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Roadway Safety Management Process



User Group Meeting Agenda

2025 AASHTOWare Safety User Experience Committee Meeting



September 23rd & 24th, 2025

Annapolis, MD

10:00	Public Dashboards in Michigan	Amanda Heinze <i>Michigan State Police (MSP)</i>
10:20	Using AASHTOWare Safety to complete STEP Grant Requests in Texas	Jim Markham <i>Texas Department of Transportation (TxDOT)</i>
10:40	Using AASHTOWare Safety for Data Quality Improvement	Don Butler <i>Nebraska Department of Transportation (TDOT)</i>
11:00	Using Safety Analysis for the HSIP Process	Kelly Campbell <i>Idaho Department of Transportation (ITD)</i>
11:20	How WVDOT plans to use AASHTOWare Safety in their new Safety On All Projects (SOAP) process.	Marsha Mayes <i>West Virginia Department of Transportation (WVDOT)</i>
11:40	GDOT's Curve Data integration within AASHTOWare Safety and their LRSAP Dashboard	Dave Adams <i>Georgia Department of Transportation (GDOT)</i>

2025 AASHTOWare Safety User Experience Committee Meeting



September 23rd & 24th, 2025

Annapolis, MD

1:00 (C)	Digging into Crash Query	Greg Olsen & Audra Engle <i>Numetric</i>
1:00 (D)	Overview of Alternative Design	Danny Anderson & Derek Troyer <i>Numetric</i>
2:30 (C)	Q&A and Hands-On Support	Strategic Advisory Committee Members / Numetric Staff
2:30 (D)	Alternative Design Hands-On Activity	Derek Troyer <i>Numetric</i>
3:30	Break	
4:00	CX -A Discussion of Strategic Services and The Ongoing Focus of Organizational Priorities	Wayne Hill, Derek Troyer, Greg Olsen, David Martin, & Audra Engle <i>Numetric</i>

Supporting Districts and Locals

Crash Query - Left Turn Crash Report

This article summarizes the process to generate a left turn crash report using a Crash Query template.

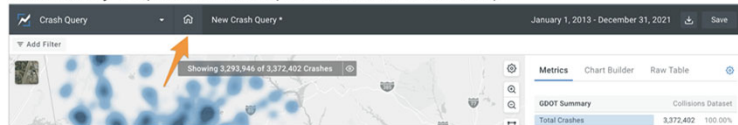
 Written by Greg Olsen
Updated over a year ago

This article will walk you through how to generate a Left Turn Crash Report. This report can be used by Traffic Engineers to identify left-turn crash trends at study intersections to confirm if a change in left-turn phasing is justified. This template can be used to generate a list of turning movement counts, grouped by movement, and year.

NOTE: This process works best for organizations that have a Left Turn Crash Analysis Template as a saved query. If your organization doesn't have this template, please contact our support team and we can help create the template for your organization. In the meantime, [see here to learn how to generate this report without a template.](#)

How to Generate a Left Turn Crash Report

1. Login to AASHTOWare Safety.
2. In the Crash Query application, click on the *Home* icon (located to the right of the *Crash Query* dropdown in the top left corner of the screen).



GDOT - How to Generate Local Road Safety Plan Reports in Numetric

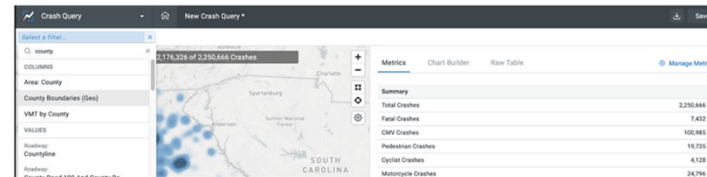
You can use Numetric to generate the reports needed to provide insight into your Local Road Safety Plan.

 Written by Greg Olsen
Updated over 4 years ago

Click [here](#) to watch a walk through video on how to generate a local road safety plan report.

How to Download Local Roadway Data in Numetric.

1. Login to gdot.numetric.com
2. In a new Crash Query window, click in the filter bar at the top of the screen, and search for *County Boundaries (Geo)*, then select the county you would like to focus on for this report (note: you can also use the *GDOT City Boundaries (Geo)* filter to report on cities).

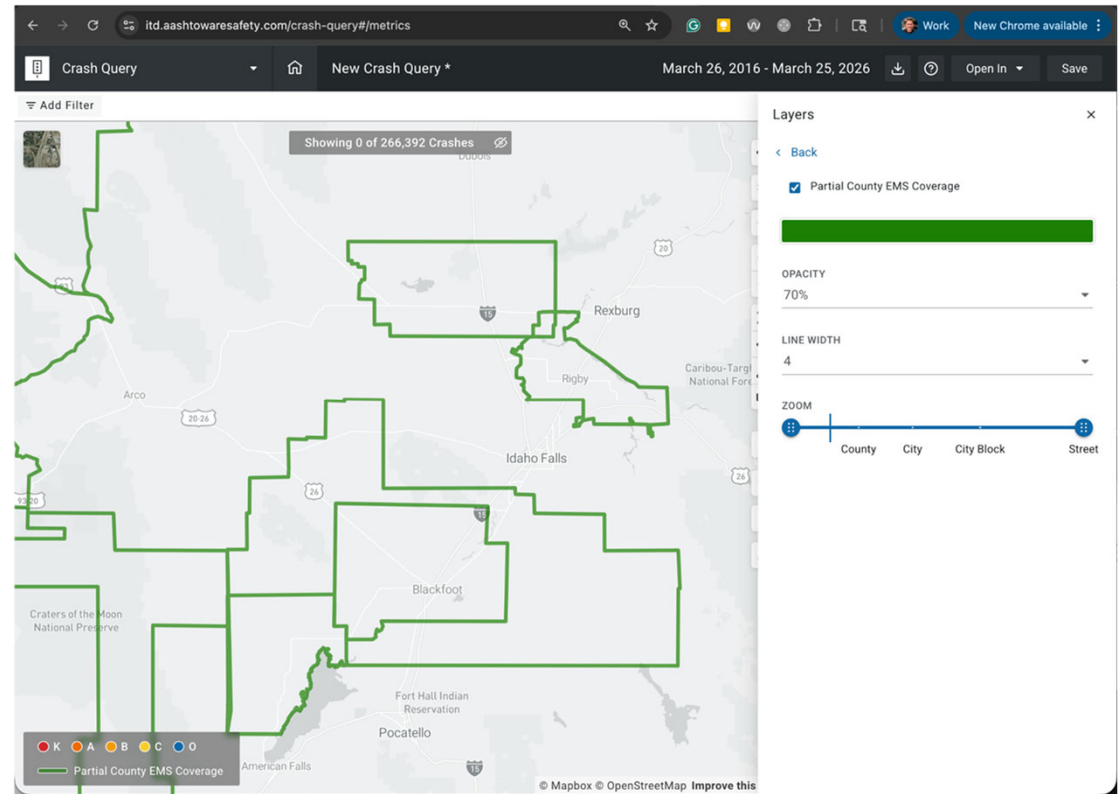


3. In the filter bar, add the *Ownership* filter, and select *State*. Then change the relational

Approach to Data - Aggregation

Datasets:

- Crashes
- Vehicles
- Persons
- Linear Referencing System (LRS)
- Roadway Assets
- Traffic Volume
- Social Vulnerability Index (SVI)
- School Zones
- EMS Data
- And More...



Approach to Data - Augmentation

Examples of Data Enhancements

- Additional Crash Filters
 - Countermeasures
 - SHSP Focus Areas/Crash Summary
- Map Layers
 - Cities
 - Counties
 - Guardrails
- Geo filters
 - City
 - County

CM: Roadside Design Improvements at Curves

WHEN

Lane Departure Is True

and

Guardrail ID Is Blank

and

Intersection Is False

and

Manner of Collision Is Any Of Values

+ Add Trigger

THEN

Run Formula Countermeasures pack (Countermeasures , "Roadside Design Improvements"

+ Add Action



Demo

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