



Demonstration of AASHTOWare Safety

Optional KTRAC Meeting

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AASHTOWare Safety

- Platform to help do analysis for prioritizing safety improvements
- <https://www.aashtoware.org/products/safety/safety-overview/>

AASHTOWare Safety - Components

- Segment
- Alternative Design
- Intersection
- Safety Trend

AASHTOWare Safety - Segment

- Crash Query
 - Safety Analysis
 - Network Screening
 - Predictive Analysis
 - Promote Collaboration
 - Streamline Reporting
- <https://www.aashtoware.org/products/safety/aashtoware-safety-segment/>

AASHTOWare Safety – Alternative Design

- Compare alternates
- Quality Assurance Branch in Division of Highway Design
- <https://transportation.ky.gov/Highway-Design/Pages/QAB.aspx>
- <https://www.aashtoware.org/products/safety/safety-alternative-design/>

AASHTOWare Safety – Test Drive

- 90 test drive
- Load sample set of data
 - Collision
 - Roadway
- Base configuration
- KYTC District 5
- 2019,2020,2021,2022,2023 collisions

AASHTOWare Safety - demo

- Log in and drive through the application

AASHTOWare Safety – Crash Query

- Base Navigation

- Home
- Components
- Saved Queries

- Crash Query

- Change Background
- Dot/heatmap
- Crash pop up w/Street View
- Click to add filter

AASHTOWare Safety – Other Components

- Network Screening
 - Find roads
- Predictive Analysis
- Promote Collaboration
 - Share your queries
- Streamline Reporting

Additional links and information responses

- <https://www.youtube.com/@ASHTOWareSafety> – Youtube channel for the software
 - Includes video of Ohio using Empirical Bayes analysis
 - Video of doing part C of the HSM