

BACK *To The* STREETS

Leveraging Big Data to Plan Safe, Equitable Streets



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Code: SSS2023



Driving Innovation Safe Streets In Florida





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- Reimagining Safe Streets
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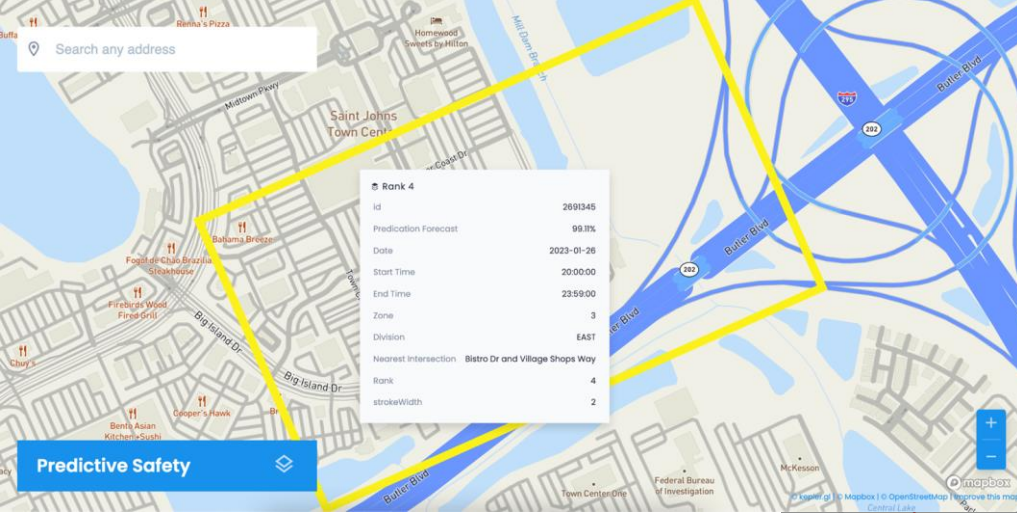
Reimagining Safe Streets
Northeast Florida

Goal

Efficient Traffic Incident Management

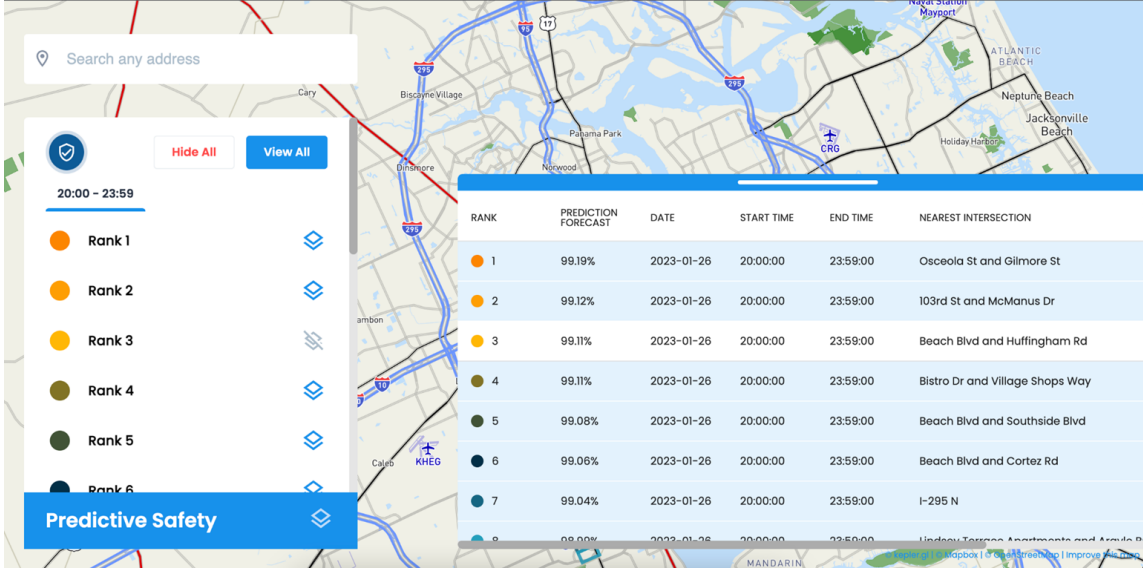
- Lower road deaths
- Keep major roads flowing
- Validate “tribal knowledge”
- Become more proactive





- Crash forecasting
- Ranked forecasts
- Major roadways
- Nearest intersections

- Daily email alerts
- Filter by zone / precinct
- Toggle by shift times
- Navigable maps



Results

Daily Safety Forecasts

- 38 fewer road deaths [1](#)
- Optimized dispatching
- Clearance times
- Data + tribal knowledge





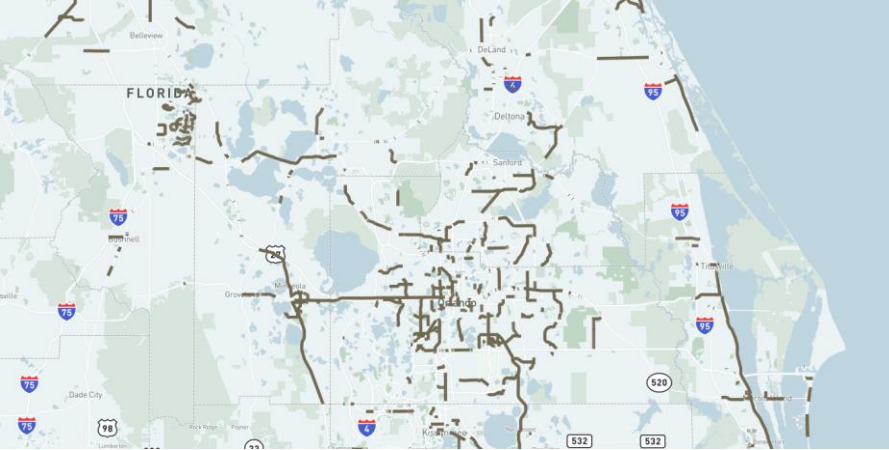
Regional Innovation Central Florida

Goal

Standardize Safety Performance Reporting

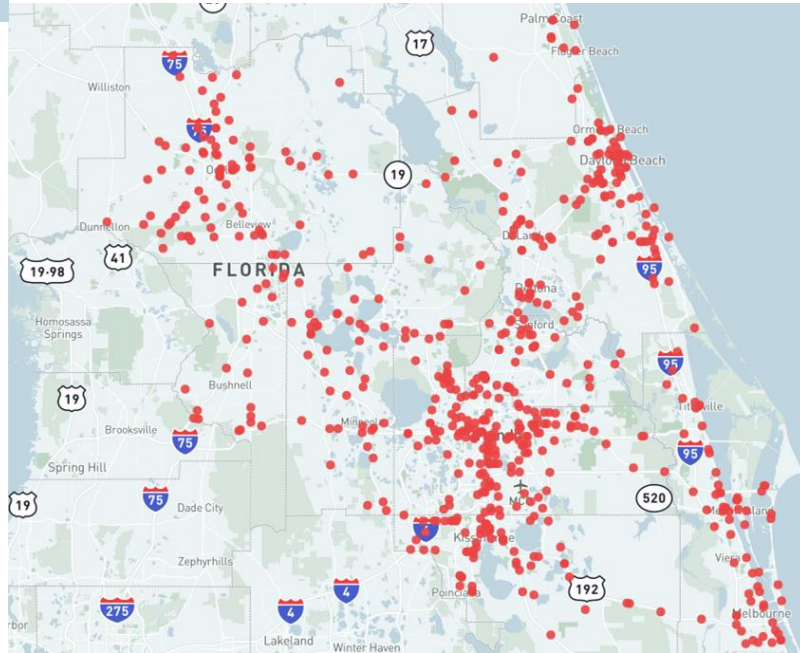
- Nearly 20% of FL MPOs
- 9,000 square miles
- 4 million residents
- 55.6M daily VMT





- Homogenous reporting
- Routes of significance
- Multimodal travel patterns

- Economy of scale
- Agnostic innovation
- Unlimited analysis
- Flexible reporting



Solution

Regional Data Coalition

- Integrate: CAR, Signal 4, FARS
- Crash rates, total, work zones
- Clearance times, durations
- Fatality, injury, severity



Thank You

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