**Why do we need a Real-Time System Information Program?**

- **The Foundation**
  - 23 CFR – 511
  - AASHTO Capability Maturity Model
    - Code of Alabama, Title 32

- **The Foundation**
  - 23 CFR – 511
  - AASHTO Capability Maturity Model
    - Business Processes
    - Systems and Technology
    - Performance Measurement
    - Culture
    - Organization / Workforce
    - Collaboration
<table>
<thead>
<tr>
<th>The Foundation</th>
<th>Business Processes</th>
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<tr>
<td>Code of Alabama, Title 32 Motor Vehicles and Traffic</td>
<td>Regional TMC Standard Operating Procedures</td>
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<tr>
<td>• Chapter 9 &amp; 9A Trucks, Trailers, and Semitrailers</td>
<td>• Traffic Incident Management TIM Guidelines</td>
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<td>• Chapter 10 Motor Vehicle Crashes</td>
<td>• Strategic Business Plan</td>
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<td>• Chapter 13 Abandoned Motor Vehicles</td>
<td>• ITS Architecture</td>
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<td>• Systems Engineering Analysis</td>
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<td>• Guide for Developing Construction Plans</td>
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<tr>
<td>• Algo</td>
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<td>• Information sources</td>
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<td>operations academy</td>
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<td>• Capacity Management v. Capacity Expansion</td>
<td>CTE</td>
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<td>SHRP2</td>
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Collaboration

- Emergency Response Stakeholders
- Private Sector
- Academic Sector
- Neighboring states
- Metropolitan/Regional Planning Organizations/Commissions

EDC 1 (2011-2012) – 14 Innovations
- Adaptive Signal Control Technology

EDC 2 (2013-2014) – 13 Innovations
- National Traffic Incident Management Responder Training (SHRP2 L12)

EDC 3 (2015-2016) – 11 Innovations
- Smarter Work Zones

EDC 4 (2017-2018) – 11 Innovations
- Automated Traffic Signal Performance Measures (ATSPMs)
- Road Weather Management – Weather-Savvy Roads
- Using Data to Improve Traffic Incident Management

What’s Next?

- Algo Phase II
- Algo Report
- Smart Work Zones
- Smart Parking
- EDC 4
- Customer Surveys
- Freight Enhancement
- Connected Autonomous Vehicles
- Tolling
- Internet of Things (IoT)

Recommendations

Road Ahead...

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