



Work Zone Construction & Maintenance Needs



Smart Work Zones

- Real-Time Traveler Information
- Queue Warning
- Dynamic Lane Merge
- Incident Management
- Variable Speed Limits
- Automated Enforcement
- Entering/Exiting Construction Vehicle Notification
- Performance Measurement
- Other(s)

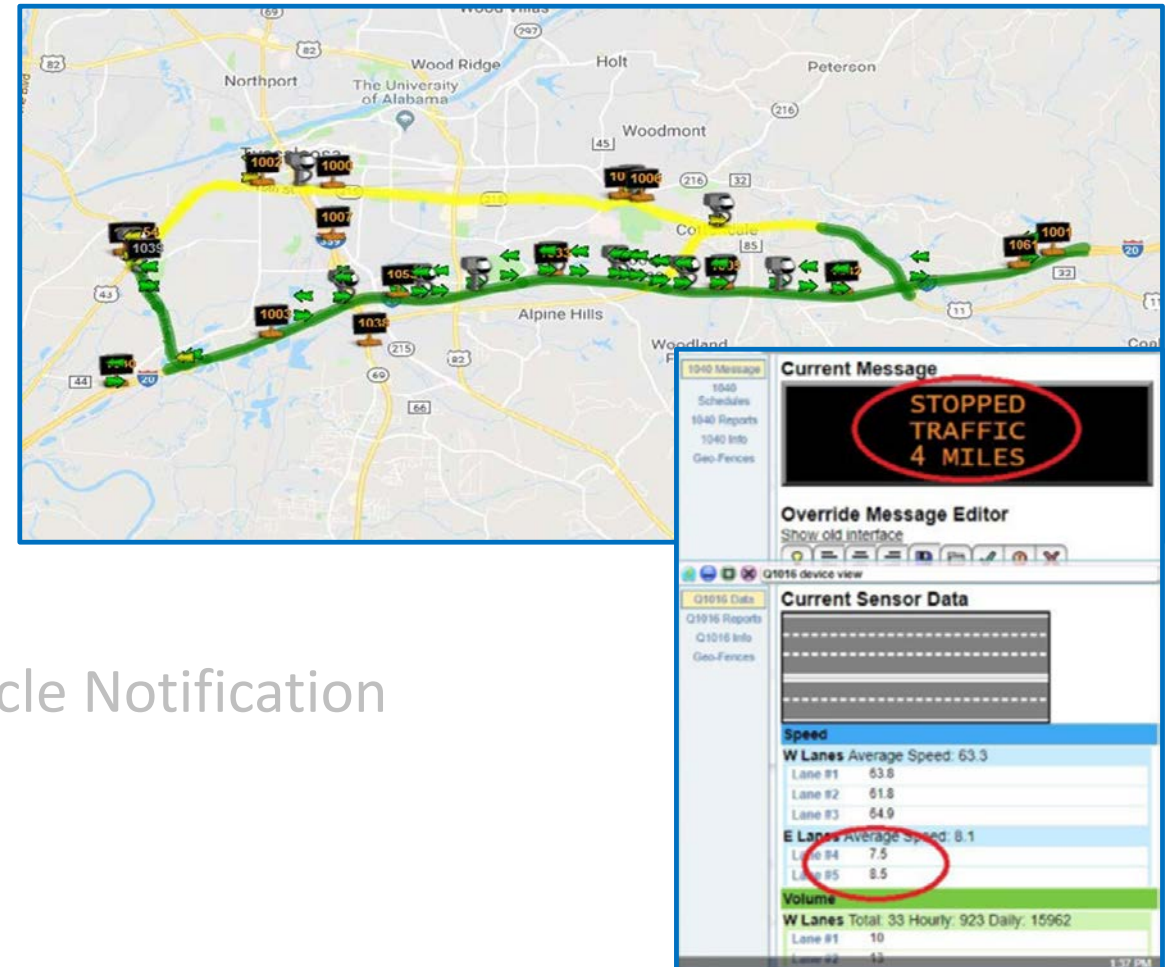


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Work Zone Construction & Maintenance Needs



Traffic Interruption Reporting

- Guideline for Operation (GFO) developed
 - Title 23 CFR Part 511
 - Roles and Responsibilities
 - Data Needs
 - Exemptions



Work Zone Construction & Maintenance Needs



Construction Information Memorandum (Portable CMS)

- Appropriate use
- Static vs. Dynamic messaging
- Project quantities



ALDOT Maintenance



Annual Statewide Maintenance Budget: \$150,000,000

Dedicated Statewide Maintenance Employees: 1,020

Statewide Maintenance Fleet: 1,911

Maintenance Activities:

- Asphalt & Concrete Pavement maintenance
- Drainage maintenance
- Vegetation management
- Signs, Lines, RPMs, Rails, & Signals
- Bridge Inspection, Maintenance, & Repair
- Oversize/Overweight Enforcement



ALDOT Operations



Annual Statewide Operations Budget: \$9,400,000

Dedicated Statewide Operations Employees: 129

Statewide Operations Fleet: 29

Operations Activities:

- ITS Field Device Maintenance
- RTMC Operations
- Service Patrol
- Regional Traffic Operations Program

All Operations resources are a subset of the Maintenance resources.



ALDOT CMM



ALDOT has not utilized the Capability Maturity Model framework to address maintenance workforce needs.

ALDOT Operations performs an Annual CMM Assessment in January each year. It evaluates each Region across the six CMM dimensions. Other than an objective score for Organization/Workforce, it does not address actual needs. The Alabama Statewide TSM&O Strategic & Program Plan does address actual needs by organizational structure and high-level position descriptions. We are reviewing our current CMM process for January 2020; whereby we will look to evaluate each of the nine Service Layers of the Strategic Plan against the six CMM dimensions.