

# LANEAWARE

## LANE CLOSURE MANAGEMENT SYSTEM



### OVERVIEW

LaneAware™ is an easy-to-use tool that simplifies the complex task of organizing and managing roadway work zone activities, lane closures, and special events.

The LaneAware solution minimizes human error by identifying potential conflicts, detecting duplicate requests, and verifying lane closures against agency policies, business rules, and approval processes.

Requests are submitted through an intuitive, web-based application, checked for conflicts, and evaluated against a set of customer-defined rules. Submissions are either automatically approved or based on criteria or an existing conflict, sent to an agency-appointed team member for manual review and approval. Having a lane management system with a well-defined approval process also helps avoid last minute requests.

LaneAware eliminates the time and cost associated with manually tracking work events in offline spreadsheets. It also enables lane closure data to be shared with key stakeholders, the motoring public and the media, improving the agency's reputation through reliability.

### BENEFITS

- Plan ongoing road works and major projects with ease
- Share work zone data with the public, media, and transportation-focused businesses (e.g. 511) through open API
- Reduce agency and TMC workload while increasing situational awareness
- Implement necessary signage, reducing accidents
- Minimize duplicate requests and errors
- Create user accounts to allow approved contractors to submit requests through an online reservation system



CENTRALIZED  
LANE  
MANAGEMENT



SAVE AGENCY  
TIME &  
TAXPAYER  
MONEY



MINIMIZE  
IMPACT TO  
MOTORISTS

## FUNCTIONS

Coordinate real-time management of work zones and produce performance reports to assess the activities of the contractor and traffic impacts.

- Alert operators and contractors to start and end-of-closure requests
- Verify that the contractor is on-site
- Track contractor performance
  - Assess cause and impact of delays
  - Generate road closure performance measures to assess the success of the operation from request to closing

## AUTOMATE APPROVALS

Create automated and manual approvals based on pre-determined set of agency-defined rules.

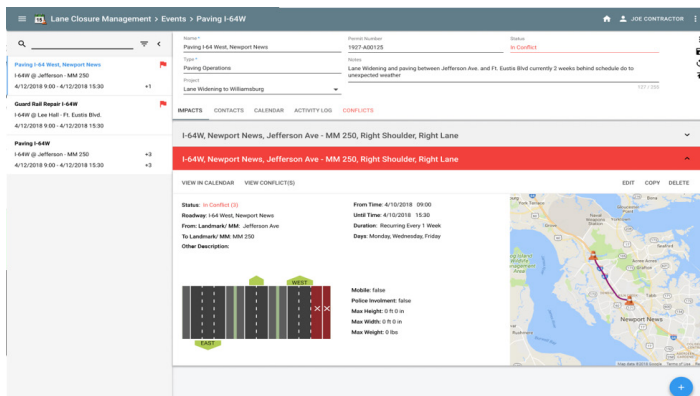
## ADMINISTRATIVE PORTAL

Create and manage system workflows, business policies, and user profiles.

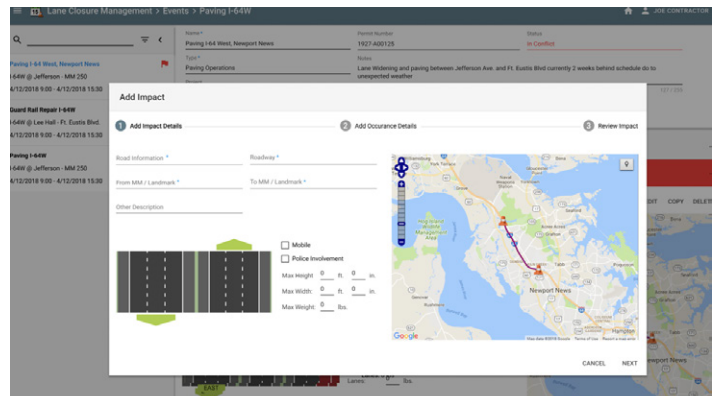
- Blackouts - Calendar-enabled view for establishing dates, times, and locations when lane closures are not permitted.
- Conflicts - Create and manage rules around agency policies and exceptions. Build rules to identify time and space allocation conflicts.
- Roles and Permissions - Establish user roles and permissions including access to add, edit, approve, or delete lane closure requests, generate lane closure reports, as well as create and manage user accounts.

## FEATURES

- Scalable, web-based solution
- Automated or manual approval processes
- Conflict detection and resolution, verify lane closures against agency rules automatically
- Pre-planning and approval modules
- Track any type of work regardless of need for closures
- Integrate with incident management and transportation systems
- Automated reporting



LaneAware web-based GUI



LaneAware makes it easy to add an event or impact