

A few of our references

A4/A86, Dynamic Hard Shoulder (France)

Implementation of an Intelligent Transportation System aimed at increasing the freeway capacity without road construction

- Use of existing 4 lane + shoulder infrastructure
- Monitoring of congestion during rush hour
- Opening shoulder to traffic prior to congestion building
- Automatic Incident Detection system to identify accidents or disabled vehicles on shoulder and traffic lanes



Hangzhou Bay Bridge (China)

Surveillance and Incident Detection on the World's longest sea-crossing bridge

- Automatic monitoring of the bridge for incidents and accidents
- Fast detection for quick incident clearing to avoid congestion building on the bridge
- Citilog system enables higher safety and security on this infrastructure critical to the economic development of the Shanghai area



Ecovias dos imigrantes Tunnels (Brazil)

Implementation of an Automatic Incident Detection system in 3 tunnels

- Fast and reliable detection of accidents and incidents in tunnels
- Visibility (smoke) detection
- One of the busiest and most critical roadway infrastructures in Brazil between São Paulo and Santos



Incident Detection on PTZ in Florida D4 (USA)

Surveillance and Incident Detection with existing CCTV network on I95 and I595 in the Fort Lauderdale area

- Use of existing Pan-Tilt-Zoom (PTZ) cameras
- Deployment of Citilog's unique self-calibrating VisioPaD system on CCTV cameras
- Fast incident detection
- Full integration into statewide Sunguide® Traffic Monitoring software



*Paving intelligence into Security,
Safety and Mobility*



Solutions for Freeways & Tollways
Traffic Management
Video Surveillance
Automatic Incident Detection

For more information, please contact Citilog

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Solutions for Freeways and Tollways

Real-Time Automatic Incident Detection

Goal : Detect and report in real time incidents and accidents on roadways, bridges, tunnels

Key benefits & functionalities

- Quick incident detection for fast incident management
- Stopped vehicles and congestion detection
- Wrong way detection on ramps
- Automatic workzone monitoring
- Easy deployment of dedicated sensors or use of existing CCTV cameras

Mobility

Goal : Improve traffic flow on freeways and tollways and reduce congestion

Key benefits & functionalities

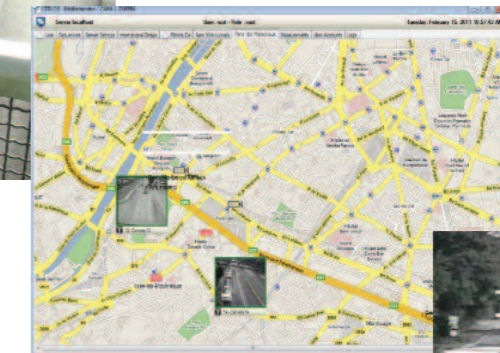
- Dynamic management for HOT, HOV lanes, and shoulder running
- On- and off- ramp management (queue monitoring)
- Reduction of accident-induced congestion
- Queue monitoring at toll plazas
- Ramp metering

Citilog's range of Video Sensors & Software provides:

- Operation in all weather and lighting conditions
- Fast ROI thanks to the low cost and field-proven reliability
- Low power consumption, allowing for a solar power source
- Seamless integration with existing Intelligent Transportation Systems
- Video streaming capability



Traffic Data Collection, Incident Detection & Congestion Warning Sensor



Traffic Management and Equipment Supervision software



Queue Monitoring at Toll Plazas



Free Flow License Plate Recognition

Traffic Management & Equipment Supervision Systems

Goal : Provide turnkey solutions and software to effectively manage complete ITS and surveillance systems

Key benefits & functionalities

- Automatic Incident Detection and Management systems
- Complete Video Server solutions
- Complete solutions for ITS equipment integration, monitoring and maintenance

License Plate Recognition & Enforcement

Goal : Provide wide range of LPR sensors for multiple applications as well as supervision & back office tools

Key benefits & functionalities

- Free flow LPR
- High performance point-to-point and local speed enforcement
- Hazardous material detection and tracking



Automatic Incident Detection in tunnel



Dynamic Lane Management / Intelligent Hard Shoulder

Traffic Information

Goal : Provide traffic information such as travel time, levels of service and waiting time

Key benefits & functionalities

- Reliable traffic information to road users for improved trip planning
- Accurate travel time and levels of service computations
- Video streaming capabilities for visual confirmation of traffic situations
- Queue monitoring at toll plazas

