Traffic Surveillance

Enables transportation system operators to monitor roadway conditions and detect incidents remotely in real time.





- Improves safety by enabling transportation professionals and first responders to respond quickly to traffic incidents or congestion.
- Real-time monitoring facilitates detection and confirmation of traffic incidents and management of responses to incidents.
- Improves mobility by giving transportation system operators the ability to respond to issues created by weather conditions, work zones, special events, or security incidents.
- It can help operators identify and respond to issues with signal timing. If real-time information on traffic conditions is shared with motorists, they can use it to make intelligent decisions about their travel route and timing.

HOW DOES IT WORK?

The tools needed to implement traffic surveillance include closed-circuit television (CCTV) cameras and telecommunications infrastructure to connect the cameras to an operations center.

- + DESIGN TO MAXIMIZE SIGHT LINES, SUCH AS ON OUTSIDE OF ROADWAY CURVES.
- + DESIGN AND CONSTRUCT CCTV IN LOCATIONS TO IMPROVE INCIDENT DETECTION AND VERIFICATION TIME.
- * PROVIDE A PROPER WORK SPACE AROUND ROADSIDE EQUIPMENT FOR AN OPERATOR/ REPAIR TEAM TO ACCESS THE EQUIPMENT.
- + ENSURE AVAILABILITY OF COMMUNICATIONS AND POWER.



TRANSPORTATION NEEDS ADDRESSED



Special Events



Safety



Mobility



Reliability



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Incident Response



Work Zones



Unplanned Events

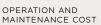
COST MAGNITUDE

CAPITAL COST















V

MONITORING LOCATIONS OF RECURRING CONGESTION OR INCIDENTS



MONITORING WORK ZONES

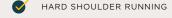


ANY ROADWAY THAT WOULD BENEFIT FROM REAL-TIME TRAFFIC MONITORING

COMPLIMENTARY STRATEGIES

OYNAMIC LANE REVERSAL







WORK ZONE MANAGEMENT

HOMELAND SECURITY PREPAREDNESS

TRAVELER INFORMATION

SMART WORK ZONE

V INCIDENT MANAGEMENT



