

# TEMPORARY OVERWIDTH / OVERHEIGHT DETECTION SYSTEM

Smart Work Zone System



Street Smart



## Finally, a Solution the Industry Has Been Waiting For:

Street Smart's new Temporary Overwidth Detection System delivers the breakthrough traffic safety engineers and DOT professionals have needed for years. Powered by advanced **LiDAR** technology, it reliably identifies overwidth trucks before they enter highway work zones—preventing dangerous and costly crashes.

But it doesn't stop there. The system also detects overheight vehicles and wrong-way drivers, instantly triggering real-time alerts through changeable message signs so drivers can safely reroute. Integration with DOT 511 systems, WAZE, the Federal Highway Work Zone Data Exchange, and overhead message boards ensures seamless communication across platforms.

By reducing millions in damages and saving lives, this rental-based solution finally provides a cost-effective, flexible answer to a problem that's challenged the industry for decades.



## KEY SYSTEM FEATURES / BENEFITS



Available to rent for temporary applications.



Identify overwidth, overheight, and wrong-way drivers with LiDAR.



Our experts help with the design, equipment rental, deployment, and support.



Sensors can be mounted to temporary or permanent infrastructure.

**NATIONWIDE SERVICE & SUPPORT | (888) 653-6800**

# TEMPORARY OVERWIDTH DETECTION SYSTEM

Street Smart deployed the industry's first Temporary Overwidth Detection System, in Council Bluffs, Iowa, to identify overwidth loads before they enter the highway work zone.



TRAFFIC  
TECHNOLOGIES



Street Smart

## FIRST WARNING:

**22 miles** before the work zone on permanent DOT message sign (provides alternate route).



**I-80**

## MESSAGE BOARD TRAILERS

**Four message boards; two warnings.**  
Flashing message board trailers activate with warning and exit info when LiDar sensors detect overwidth loads.



**1 MILE**



**1/2 MILE**

## LIDAR SENSORS

**Two sensors** mounted on DOT permanent infrastructure.



## SECOND WARNING:

**4 miles** before the work zone on a static sign.

**ALTERNATE ROUTE**

**LEARN HOW EASY INCORPORATING LIDAR INTO YOUR NEXT WORK ZONE CAN BE**  
**(888) 653-6800 | STREETSMARTRENTAL.COM**