



ITS Applications

from

Quixote

Transportation Technologies, Inc.



RWIS



Road/Runway Weather Information Systems (RWIS) are advanced weather stations, capable of sensing pavement and atmospheric weather conditions, and can be integrated with many other ITS technologies. RWIS is proven to increase safety on roadways, and reduce labor costs and chemical usage.

- > Snow and ice detection
- > Remote locations or problem areas
- > Highways, expressways or city streets
- > Flooding and visibility
- > High wind detection
- > Bridges and overpasses

Highway Advisory Radio



Highway Advisory Radio (HAR) systems combine sensors, controllers, communication devices and software to inform the traveling public about travel conditions. These systems create safer traveling environments, while utilizing radio frequencies to broadcast up-to-date messages.

- > Local road conditions, closures or delays
- > Incident management
- > Severe weather notifications
- > Emergency evacuations
- > Long-term construction projects
- > Local events (parades, festivals)

Weather & Traffic



QTT is one of the few companies in the market that provide both weather and traffic sensors and solutions. Using an RWIS platform or roadside controller and pavement sensors that detect road and traffic conditions, you can effectively manage roadways and motorists during adverse weather.

IntelliZone®



IntelliZone is an advanced ITS software platform that allows you to manage and deliver real-time messages to motorists, well in advance of various weather related concerns or traffic congestion.

- > Detour alert and curve warning systems
- > Hydroplane detection and alert systems
- > Flood level detection and alert systems
- > Low visibility systems
- > Snow chain advisory
- > High wind warnings