



Intelligent Transportation Systems

ODOT's Intelligent Transportation Systems, comprised of communication technology and other sophisticated electronic equipment, make Oregon's highways safer and more efficient. One of this program's highly valued products is TripCheck.com, a web site providing real time incident, weather and road condition information, along with other important details for travelers.

ITS program goals

- Improve safety for travelers.
- Better manage the capacity of Oregon's highway system.
- Reduce highway operation and maintenance costs.
- Increase travel efficiency and trip predictability.
- Improve mobility and access to alternate travel modes.

ITS at work in Oregon

- 161 highway cameras — see them at www.TripCheck.com.
- 119 ramp meters and 463 traffic loop detectors — all in the Portland area.
- 74 portable message signs used statewide.
- 60 road and weather information stations located statewide.
- 49 permanent variable message signs located statewide.
- 14 highway advisory radios.
- 10 weather warning systems.
- Eight remotely controlled snow zone signs.
- Four automated ice detection systems.

ITS helps keep traffic moving safely and efficiently

- In 2005, ODOT's regional Transportation Operations Centers handled over 70,000 calls sending highway workers to clear crashes and other hazards.
- ODOT's traffic and incident response programs keep highways moving by quickly clearing crashes and other incidents that cause congestion and pose safety hazards.
- ITS helps to improve safety by warning drivers about curves, work zones and adverse conditions such as high winds, floods and winter weather.
- Ramp meters in the Portland metro area help facilitate the merging of vehicles to regulate the traffic entering the highway, alleviating congestion and reducing the likelihood of accidents.

2005 Traffic and Incident Management Activities Breakdown

Total incidents: 71,098

