

## **Leading provider of weather ITS products and anti-icing systems**



- North American partner of Boschung Holdings
  - Providing winter maintenance products since 1947
  - Innovating sensor technology since 1978
  - Developed worlds first FAST system in 1979
  - 250+ FAST systems deployed worldwide
  - 6000+ RWIS deployed worldwide
  - ISO 9001 TÜV SÜD Certified
- Boschung America established in 2002
  - Headquartered in New Castle, Pennsylvania
  - 52 FAST systems installed in North America
  - 2012 Winner – Minister's Award of Excellence for transportation innovation (Government of AB)
  - Now expanding our weather ITS product offering

**Helping Keep Roads Clear in the Winter**

*A complete solution for sensing, treating, and managing weather*



**FAST  
Systems**



**RWIS  
Systems**



**Pavement  
Sensors**



**Meteorological  
Sensors**



**AVL  
Systems**



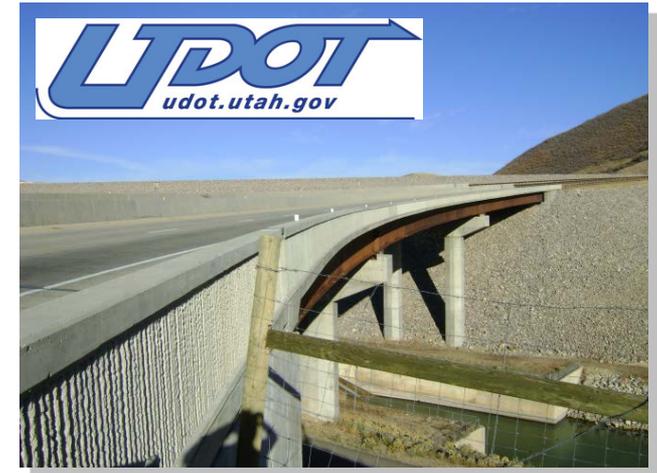
**MDSS  
Solutions**

## ➤ UDOT Region 3 – Provo FAST Systems – (Completed 2010 – 2012)

**Problem:** High rate of traffic incidents due to unpredictable mountain weather in Provo Canyon

**Solution:** Deploy FAST systems in areas prone to crashes due to winter road conditions

**Benefits:** Realized reduction in crashes after installation



## ➤ MN/DOT – Integrated Pavement Sensors – (Projected Fall 2013)

**Problem:** Large number of crashes on I-694 southbound exit ramp to eastbound I-94 due to rollovers and icy conditions

**Solution:** Deploy a rollover warning system with integrated IT-SENS for road condition detection. The two systems work separately, signing the driver if there is a rollover condition or if bad road conditions exist.

**Benefits:** Provides a warning to the driver prior to an unsafe situation.

