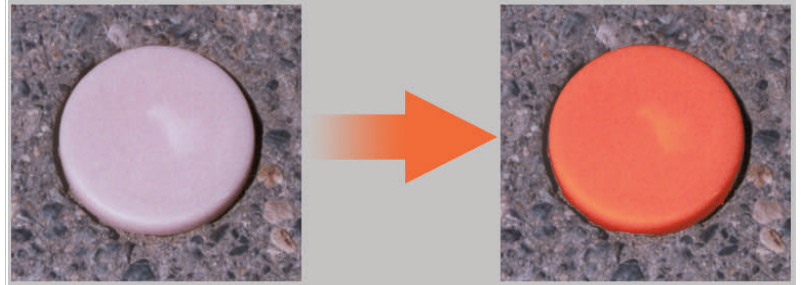


Real Time – In Situ Driver Warning System

- Thermochromic Dye Technology
- High Visibility for All Weather Conditions Day or Night
- Instant Feedback to Pedestrians
- Critical Information to your Winter Maintenance Operation
- Easy to Install– No Power Required
- Low Cost
- Effective – Uses surface temperature instead of air temperature
- Durable – Stands up to the toughest environments



Frozen Road Surface Indicator Transition - Neutral to Orange

"People do have difficulty in determining whether or not a road is sufficiently cold to allow ice to form. So we came up with a device that effectively measures and indicates the road temperature and not merely the air temperature."

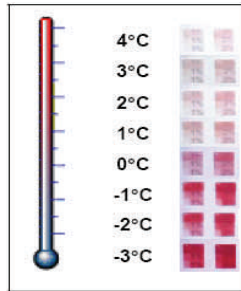
- Tim Leggett, President, Traction Technologies



"There is a 70% increase in auto collisions and fatalities when the weather is bad" according to Dean of Geography at the University of Waterloo Jean Andrey's study associated with the Institute for Catastrophic Loss Reduction (ICLR).

IRWS Markers

- The IRWS markers are made of a durable base plastic pigmented with the dye.
- The round plastic disc changes color based on temperature. It's 5" in diameter and 1/2" thick and has been treated with special UV protection.
- As the road surface cools (starting at 3⁰C (37.4⁰F)) the ThermoChromic Dye within the IRWS begins to change to a vivid orange to indicate a frozen pavement condition.
- Best used at pedestrian crossings as an early warning safety procedure.



INSTALLATION PROCEDURE

- A - Core drill a 5" diameter hole 1/2" deep B - Pre-drill hole for Screw
 C - Apply Sealant and anchor to the pavement D—Finished installation

The IRWS is ideal for state and provincial governments, airports, pedestrian crossings, ski resorts, transit decks, commercial boats, malls, walkways, bus stops, parking lots, ferry decks, military, commercial buildings, city sidewalks, and municipal roadways.