

Technology at work for you



RWIS Road Weather Information System

www.dotweatherview.com

The road weather information system (RWIS) provides valuable roadway-based weather information to Iowa DOT maintenance personnel. The information consists of road camera images, atmospheric conditions, traffic flow observations, and pavement temperatures which are vital for efficient winter maintenance practices. RWIS observations are also available to city and county maintenance personnel, road-forecasting services, and the public.



BridgeWatch®

www.usengineeringolutions.com

Bridge Watch is a Web-based program designed to automatically alert key transportation and maintenance personnel when one of Iowa's estimated 180 scour-critical bridges are in potential danger of structural damage by flooding. This software implements a plan of action for scour-critical bridges in Iowa.

Bridge Scour Management - Bridge Classification

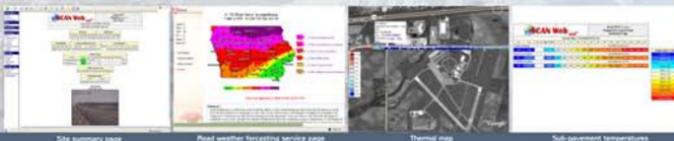


Flood 2008



www.511ia.org

511, the Iowa DOT's Traveler Information Web site, provides weather-related road condition information to motorists so they can make better decisions about travel in Iowa.



Site summary page

Flood weather forecasting service page

Thermal map

Sub-pavement temperatures

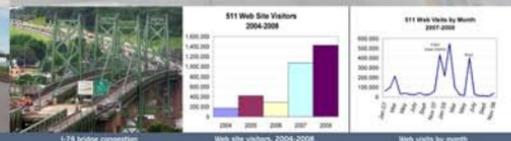


Union Pacific Railroad bridge in Cedar Rapids

Iowa 1 in Iowa City

Iowa 150 near Vinton

Iowa 1 near Pearl/Vermon



511 Web Site Visitors 2004-2008

511 Web Visits by Month 2007-2008



I-80 near Tipton, Iowa, 2008 Iowa Floods