

**ADVANCE FLOOD WARNING SYSTEMS
FOR LOW WATER CROSSINGS SAVES LIVES & PROPERTY**

Tom Ogden, Sales Manager
High Sierra Electronics, Inc.
155 Spring Hill Drive, Suite 106, Grass Valley, CA 95945
800-275-2080 / sales@highsierraelectronics.com

ABSTRACT

This paper examines applications for Advance Flooded Roadway Warning Systems for low water crossings. Each year more deaths occur due to flooding than from any other weather related hazard. Over fifty percent of flood deaths occur in vehicles when drivers try to navigate through floodwater. Advance Flooded Roadway Warning Systems activate when the monitored waterway floods nearby roads, helping to protect the lives and property of motorists. Implementing such systems requires careful planning and execution to provide improved traffic safety, saving lives and property. The focus of this paper is on the benefits a well-designed system can bring to the region in terms of conservation of Emergency Management, Rescue and Road Department resources, as well as improved public safety, weather forecasting and response to flooding events.