

## Health Monitoring of Concrete Bridges Using Smart Sensor Technologies

**Principal Investigator:**

Professor David “Tianwei” Ma.

**Project Sponsor:**

Paul Santo

**Need:**

Hawaii needs an effective preventive maintenance program for its aging bridges. Visual inspections are not reliable.

**Objective:**

Develop a structural health monitoring program using sensing technologies for Hawaii’s bridges.

**Duration:**

May 1, 2007 – April 31, 2010

**Cost:**

\$232,360