

Technology in Rural Transportation

A recent study documented more than eighty proven, cost-effective, "low-tech" solutions to rural transportation needs, most developed or implemented by local transportation professionals. One of these solutions is outlined below:



Learn all about the simple solutions on the Internet at <http://inform.enterprise.prog.org>

The simple solutions report is available from Hau To at (503) 892-2533, or email: to@crc-corp.com

Automated Lane Indication System

Overall goal: Improve the safety of drivers during low-visibility conditions, improve the safety of pedestrians in crosswalks, and improve demarcation of lanes in complicated intersections.

Technical approach: The city of Kirkland installed their first in-pavement lights in the fall of 1997 at two locations- Central Way and 4th Street and NE 124th Street at the North Kirkland Community Center for the purpose of illuminating crosswalks. All of the systems installed in Kirkland require the pedestrian to use a push-button to activate the system.

Current status: Seventeen more crosswalks in Kirkland will be outfitted with the lights.

Location / geographic scope: Some locations that have deployed similar systems are Santa Rosa, CA; West Hollywood, CA; Reno/Tahoe International Airport; and Orlando, FL.

Agencies involved: City of Kirkland, WA

Cost information:
Fixtures - \$525.00
Spare lamps - \$15.00
Electrical installation (per six fixtures) - \$3,000 - \$5,000
Operational and Maintenance - N/A

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Have goals been achieved?

The system has been so successful that the city won a special award from the Washington Traffic Safety Commission.

Solution timeline:

Project has been deployed.

