

Technology in Rural Transportation



A recent study documented more than eighty proven, cost-effective “low-tech” solutions to rural transportation needs, most developed and implemented by local transportation professionals. One of the 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

In-Pavement Illuminated Crosswalk

Overall goal:	To provide a safer version of the traditional pedestrian crosswalk.
Technical approach:	Pedestrians activate a series of four flashing in-pavement lights per lane, along with two flashing pedestrian signs. The lights flash long enough for pedestrians to safely cross the intersection.
Current status:	System is deployed and operable.
Location / geographic scope:	The system is currently in use between the Justice Center and the downtown area at the 11th and Canyon intersection, which receives a high volume of pedestrian traffic. A number of additional locations throughout Boulder have been proposed.
Agencies involved:	City of Boulder Traffic Operations and Traffic Safety Corporation.
Cost information:	Design and development costs were minimal, while costs for the actual system are estimated at \$6,000-\$8,000. Installation costs range from \$2,000-\$8,000.
Key contacts:	Bill Cowern, Traffic Operations Engineer, 303.331.3266, or email: cowernb@ci.boulder.co.us .
Have goals been achieved?	Yes. The Traffic Operations Department conducted a compliance study among pedestrians and vehicles, before and after the system was deployed. The results showed an overall improvement in compliance of 95%.
Solution timeline:	This solution has been implemented.

