Best of Rural ITS Awards

Best New Innovative Product Application Award

Intersection Warning System

2011 National Rural ITS Conference
Monday, August 29, 2011
Intersection Warning System Implementation Partners

- Short Elliot Hendrickson Inc. (SEH)
- Network Transportation Technologies LLC (NTT)
- Hennepin County, MN
- Scott County, MN
- Wright County, MN

Also want to acknowledge the MnDOT Innovative Ideas Program for their interest and support in providing funding and guidance for the original Hennepin County project.
Why Develop the IWS?

- Develop & implement a long-term intersection warning system
- Utilize state-of-the-science technology
- Designed for low-volume non-signalized intersection to promote rural safety
- Ultimately, to prevent or reduce the number of people killed and injured
Technology

- Bringing together of many hi-tech products.
  - Wireless communications
  - Low power sensors
  - Intelligent Roadside Controllers
  - Solar power when AC not available
  - Power efficient display systems (VMS)
  - Effective tools for installation and service
Implementations

- Hennepin County
  - CR 47/Lawndale Lane
- Scott County
  - CSAH 42/CSAH 17
- Wright County
  - CSAH 6/CSAH 35
  - CSAH 8/CSAH 35
  - CSAH 9/CSAH 107
Bottom-line

- IWS is an effective method to increase safety at rural intersections
- IWS was accepted by motorists
- IWS performed reliably and increased safety at the field operational test site
Thank You!

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