



INTERNATIONAL ROAD FEDERATION *SAFER ROADS BY DESIGN*™

ROADSIDE SAFETY APPLICATIONS

Abu Dhabi - Dubai - Kuwait - Qatar
May 18 - 22, 2008

Seminar Dates and Locations

May 18, 2008	Abu Dhabi	Beach Rotana Hotel
May 19, 2008	Dubai	Shangri-La Hotel
May 20, 2008	Kuwait	Sahara Hotel
May 22, 2008	Qatar	Intercontinental Hotel

SEMINARS HOSTED BY:



SEMINAR SPONSORS:



ORGANIZED & SUPPORTED BY:



Introduction

The International Road Federation is utilizing a series of Roadside Safety Applications Seminars for road authorities and consultants to teach them how to turn existing and new roads into “Forgiving Highways” and eliminate needless deaths. The training seminars will teach the attendees the proper steps to follow to make a road safer by eliminating the hazard, moving the hazard, making the hazard less rigid, shielding the hazard or delineating the hazard.

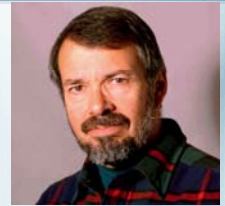
The Roadside Safety Applications Seminars will introduce the attendees to the state of the art concepts and best practices being used around the world to reduce the severity of the inevitable accidents that will occur on every road in the world. These “passive safety” products, such as safety barrier (concrete barrier, steel guardrail and cable barrier) crash cushions, transitions, terminals and breakaway devices make roadside objects less rigid, allowing motorists to walk away from accidents that otherwise might have killed them

In addition to learning about the technologies that are successfully eliminating needless deaths on roads around the world, attendees will better understand which of these technologies are appropriate for their local conditions. They also will be introduced to the performance testing criteria being utilized in the United States (NCHRP 350) and in Europe (EN-1317) to allow them to make intelligent, cost effective choices.

Preliminary Agenda

7:30 AM	Continental Breakfast
8:45 AM	Introductions & Opening Presentation Explanation of the Problem & Seminar Overview
10:30 AM	Break & Sponsor Tables
11:00 AM	Longitudinal Barriers Longitudinal Barriers Panel Discussion
12:30 PM	Lunch
1:45 PM	Crash Cushions Crash Cushions Panel Discussion
3:15 PM	Break & Sponsor Tables
3:45 PM	Terminals Terminal Panel Discussion Summary
5:30 PM	Adjournment

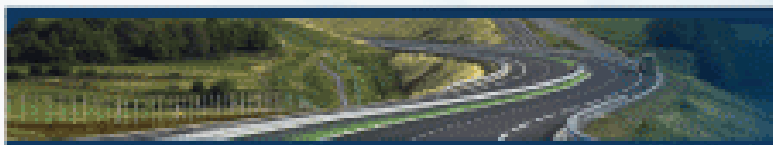
Lead Instructor: Richard D. Powers



Mr. Powers graduated from the University of New Hampshire in 1966, with a BSCE degree. He entered the Bureau of Public Roads (now FHWA) engineer training program upon graduation with assignments in Utah and Maryland before interrupting civilian service for 3 years active duty in the US Army Reserve. His service with the Army Corps of Engineers included tours of duty in Germany and Viet-Nam as an officer assigned to two separate construction battalions and a brigade headquarters. Discharged from the Army as a Captain in 1970, he resumed his career with FHWA with assignments in Washington, D.C., California, and New Mexico

Mr. Powers became the first highway safety engineer in New Mexico when these positions were established in each FHWA Division office in the late 1970's and worked directly with the State Highway Department to develop state-of-the-art safety upgrading programs. He was then promoted to Senior Project Manager for Highway Safety in FHWA's Demonstration Projects Division in Washington, D.C. in 1982, developing a project on new barrier systems and encouraging pilot installations of selected systems in several States.

He transferred to FHWA's Office of Engineering in 1987 where he wrote the first draft of the American Association of Highway and Transportation Official's (AASHTO) 1989 Roadside Design Guide, a document which is currently the national guideline for roadside safety issues. Mr. Powers continuously updated and presented the National Highway Institute's 2-day training courses on the Roadside Design Guide nationwide for over fifteen years. He served as Secretary for the AASHTO Technical Committee for Roadside Safety, the organization that periodically updates the Roadside Design Guide, and was actively involved in these updates. From the early 1990's until his retirement in 2007, Mr. Powers reviewed crash test reports for traffic barriers and other safety hardware, including bridge railings and barrier end treatments, to determine compliance with appropriate national standards and acceptability for use on public roads. During this period, he was also recognized as a national expert on roadside safety design and issues and provided timely guidance to state, local, and other federal engineers on topics of concern.



Better Roads, Better World

The International Road Federation



History

The International Road Federation (IRF) was established in 1948 following the end of World War II, when it became apparent that there was a pressing need for an international organization to attract attention to the growing economic and social importance of sound road infrastructure. Many countries had sustained massive damage to their roads and bridges during the war, while in other countries, the emphasis on a wartime economy, coupled with shortages of gasoline and road-building materials, road networks were neglected and in urgent need of improvement.

The founders of the IRF were alert to this opportunity. They saw a chance to inspire a worldwide campaign. As a global organization, the IRF was charged with the responsibility to encourage the planning and financing to build national and international road networks, and to provide advice to help ensure maximum return for road investments throughout the world.

Adopted in 1949, the IRF's landmark slogan "Better Roads for Better Living" captured the spirit of those founding members of this unique global federation.

About

The International Road Federation (IRF) is a nongovernmental, not-for-profit organization with the mission to encourage and promote development and maintenance of better, safer and more sustainable roads and road networks. Working together with its members and associates, the IRF promotes social and economic benefits that flow from well-planned and environmentally sound road transport networks. It helps put in place technological solutions and management practices that provide maximum economic and social returns from national road investments.

The IRF has a major role to play in all aspects of road policy and development worldwide.

For governments and financial institutions, the IRF provides a wide base of expertise for planning road development strategy and policy.

For its members, the IRF is a business network, a link to external institutions and agencies, and a means of introduction to government officials and decision makers.

For the community of road professionals, the IRF is a source of support and information for national road associations, advocacy groups, companies and institutions dedicated to the development of road infrastructure.

With a wide network across more than 110 countries on six continents, the IRF believes that it can make a difference by providing best practices and expert advice to today's multi-faceted world of transport.

