

# Safer Roads by Design™

*An Introduction to the Engineering Fundamentals  
for Effective Road Safety Auditing*

**Sofia, Bulgaria  
June 10, 2016**



## ABOUT THE IRF

The International Road Federation is a non-governmental, not-for-profit membership organization founded in Washington, DC in 1948 with the mission to encourage and promote development and maintenance of better, safer and more sustainable roads and road networks around the world.

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 the private sector, the IRF is a business network, a link to multilateral institutions, such as United Nation agencies and the World Bank, and a platform to access government officials and decision makers.
- For the community of road professionals, including national road associations, engineering societies, advocacy groups, and institutes of higher learning, the IRF provides an invaluable information and knowledge platform.

## THE ROAD INDUSTRY'S MOST TRUSTED BRAND IN CONTINUING EDUCATION

For more than 50 years, an essential part of the IRF's mission has been the organization and delivery of training courses that provide continuing professional development for individuals and contribute to the dissemination of knowledge and expertise throughout the world.

As a strong believer in continuing education, the IRF provides members, as well as road professionals worldwide with educational opportunities that are recognized by engineering and transportation societies worldwide. The IRF's Global Training Curriculum provides technical expertise in classroom and practical settings where attendees can learn from and have direct access to seasoned professionals. Each course not only provides the most relevant, up-to-date information and best practices and solutions, but is also designed to assist attendees in learning to correctly apply the knowledge gained.

IRF Executive Seminars are specifically developed to meet the needs of today's highway managers. Whether you are a representative of a highway agency, a member of a financing institution, consultant or contractor, IRF seminars will give you the necessary tools to make improvements in your organization. Our mission is facilitate road progress whenever and wherever we can by organizing constructive events, furnishing needed information and assisting with the training and transfer of best practices and technologies around the world.

For more information on meeting your continuing education goals, please visit:  
[www.irfnews.org/training](http://www.irfnews.org/training)

## COURSE DESCRIPTION

The International Road Federation's program of Safer Roads by Design™ courses aims to provide attendees with practical information that can be used immediately and cost-effectively to improve safety conditions for all road users and meet national commitments under the UN Decade of Action for Road Safety 2011-2020.

Experienced lecturers will introduce attendees to best practices and state of the art technologies to help them understand what countermeasures can be used today to improve road safety. The attendees will also learn about Road Safety Audits and they will understand how this valuable tool can and should be used today on their roads.


## COURSE OUTCOMES

- Identify the different network safety management tools available to practitioners
- Understand the practical requirements to implement them
- Describe the main requirements in the road safety audit process
- Compare alternate safety treatments and select a cost effective design
- Recognize unsafe roadside design features and make appropriate changes
- Learn the key elements of designing a safe work zone
- Make a compelling case for safety investments

## WHO SHOULD ATTEND?

- Road agency executives
- Traffic Management Professionals
- Planners
- Road Contractors
- Law Enforcement
- Highway and Street Engineers
- Traffic Safety Professionals
- Maintenance Personnel
- Design Consultants
- Academic & Students of relevant disciplines

## WORKSHOP VENUE

 Sofia Hotel Balkan  
5 Sveta Nedelya Square,  
1000 Sofia, Bulgaria

## JUNE 10, 2016

### 09:00 - 10:30: OPENING REMARKS: WHAT WE WANT TO ACHIEVE

- Opening Remarks

*Lazar Lazarov, Chairman of the Managing Board, Road Infrastructure Agency*

*Nikolay Ivanov, President of Bulgarian Branch Association Road Safety*

- What the “Safe System” Means for Road and Highway Professionals

*Mike Dreznes, Executive Vice-President, IRF*

### 11:30 - 13:00: BUILDING CAPACITY FOR SAFER ROADS DESIGN

- State of Road Safety in Bulgaria

*Prof. Eng. Aleksi Kesqkov, State-Public Consultative Commission on the Problems of Road Safety*

- The Role of Safety Audits & Inspections in Achieving Safer Streets and Highways

*Mike Dreznes, Executive Vice-President, IRF*

- Bulgaria’s Experience with Safety Audits and Inspections

*Eng. Rossitsa Spasova, Mott MacDonald Bulgaria*

- Motorcycle Protective Systems

*Marten Hiekmann, PASS+CO*

### 14:00 - 16:00: WORK ZONE SAFETY APPLICATIONS

*Mike Dreznes, Executive Vice-President, IRF*

- Fundamentals of Work Zone Safety
- How to Treat the Five Elements in a Work Zone
- State of the Art Treatments for Work Zones
- Making Work Zones Safer and More Acceptable to All Road Users

### 16:00 - 16:30: ROUNDTABLE DISCUSSION & SUMMARY

## LEAD INSTRUCTOR



**Michael Dreznes**

**Executive Vice President, International Road Federation, USA**

Michael G. Dreznes assumed his current position of Executive Vice-President of the International Road Federation (IRF) in February of 2012.

Dreznes has spent the last thirty years working to make the roads safer around the world. He is recognized as one of the world's leading specialists on roadside safety promoting the concept of "Forgiving Roads," and has conducted multiple road safety training seminars on roadside safety, work zone safety, vulnerable user safety and road safety audit in more than sixty countries around the world.

Dreznes is the Co-Chairman of the Transportation Research Board (TRB) AFB20 (2) Roadside Safety Sub-Committee on International Research Activities, Co-Chairman of the United Nations Road Safety Collaboration (UNRSC) Decade of Action Pillar 2: Safer Roads and Mobility Project Group, a member of the PIARC Road Safety Technical Committee 3.2 Design and Operation of Safer Road Infrastructure, a member of TASK FORCE 13 Committee on Work Zone Safety. In January 2015, Dreznes was named the winner of the TRB AFB20 Roadside Safety Design Kenneth Stonex Lifetime Achievement Award.

## SPONSORS



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## Important Note:

Registration can also be completed online at: [www.irfnews.org/event/srdws16-sofia/](http://www.irfnews.org/event/srdws16-sofia/)



Road Safety Workshop: Sofia | June 10, 2016

## Delegate Registration

**FOR OFFICE USE ONLY**  
**Payment Received Date**

### Contact Information

		REFERENCE CODE (IF APPLICABLE)	YEAR	MONTH	DAY
LAST NAME (ФАМИЛИЯ)		MOBILE PHONE (WITH COUNTRY CODE) PREFERRED CONTACT NUMBER			
FIRST NAME (ИМЕ)		OFFICE PHONE (WITH COUNTRY CODE) PREFERRED CONTACT NUMBER			
EMAIL		FAX NUMBER (WITH COUNTRY CODE)			
ORGANIZATION (Организация)	JOB TITLE (Длъжност)			ORGANIZATION WEBSITE	
ORGANIZATION ADDRESS (улица)					
CITY (Град)	STATE/PROVINCE (Щат/Провинция/Регион)	POSTAL CODE (Пощенски код)	COUNTRY (Държава)		
ORGANIZATION CATEGORY Government    Academia    Industry Association    Private Sector					

### Additional Registrants *(please list the names of any additional delegates you are registering)*

LAST NAME	EMAIL
FIRST NAME	JOB TITLE
LAST NAME	EMAIL
FIRST NAME	JOB TITLE
LAST NAME	EMAIL
FIRST NAME	JOB TITLE
LAST NAME	EMAIL
FIRST NAME	JOB TITLE

### Registration Rates (Регистрационни такси) *(check the one box that applies; all amounts in US dollars. Prices are per person)*

THREE CATEGORIES  
Local Participants Invited by BBARS / Местни участници поканени от ББАПБ: **Complimentary Registration / бесплатно участие**  
IRF Member / Членове на IRF: **US \$50**  
All Others / Всички останали: **US \$100**

PROMOTIONAL CODE (IF APPLICABLE) (ПРОМОЦИОНАЛЕН КОД)

VISA INVITATION  
Do you require a visa invitation letter?      Yes    No

### Payment

PAYMENT TYPE (НАЧИН НА ПЛАЩАНЕ) Invoice    Check    Credit Card	CARD TYPE Visa    MasterCard    AMEX	CARD NUMBER
CARD EXPIRATION DATE (MM/YY)	CARD SECURITY CODE	NAME ON CARD
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# GLOBAL

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## Building Industry Partnerships

**Better Roads. Better World.**



**International Road Federation**

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