



## **SOUTH AFRICAN ROAD FEDERATION**

in association with



**Presents a 2 day course  
on**

### **BRIDGE AND CULVERT INSPECTOR'S VISUAL ASSESSMENTS AND INTRODUCTION TO BRIDGE MANAGEMENT**

in

**KwaZulu-Natal: 15 & 16 November 2010  
Pretoria: 22 & 23 November 2010  
Cape Town: 1 & 2 December 2010**

***Application for CPD VALIDATION  
will be made to SAICE***

***APPLICATION FORM***

### **COURSE DESCRIPTION**

The course will be based on the CSIR Struman Bridge Management System which is used by national, provincial and municipal authorities. The course is open to all, but specifically aimed at those who have made bridges and culverts their area of expertise. Each client body sets its own qualification and experience requirements although some rely on SANRAL accreditation. However, attendance of the course is only ONE of the requirements for those wishing to become an accredited bridge or culvert inspector for SANRAL. The course is also compulsory for previously accredited culvert inspectors who wish to upgrade to bridge inspectors. Attendance of the course will not necessarily lead to SANRAL accreditation. The next round of SANRAL bridge and culvert inspections is planned to commence during the 2011/2012 financial year.

The course will cover:

- Introduction to Bridge Management
- Introduction to the CSIR Struman BMS
- The Struman DER rating system
- Visual Assessment Guide
- Site visit and bridge calibration inspection exam

A set of notes including the Visual Assessment Guide will be provided to each delegate.

### **VENUE**

The course will be held at the following venues:

**KwaZulu-Natal: Midmar Area  
Gauteng: Pretoria East  
Western Cape: Bellville**

Details of venue and a map will be emailed to you on registration.

### **ACCOMMODATION**

Delegates are required to make their own arrangements with regard to accommodation and travelling to and from the venue.

### **PRESENTERS**

**Edwin Kruger – SANRAL**

**Ravi Ronny - SANRAL**

**Paul Nordengen – CSIR Built Environment**

**Michael Roux – CSIR Built Environment**

**Other invited guest presenters**

### **SEMINAR FEES PER DELEGATE**

<b>SARF/SANRAL/CSIR Members</b>	<b>R 3 500</b>
<b>Non-SARF Members</b>	<b>R 4 000</b>

The above fees exclude VAT, which must be added to the payment made.

The fee includes a bound set of notes and light refreshments during the day.

### **CONDITIONS OF REGISTRATION**

- a) Applications will be dealt with on a 'first come, first served' basis. Priority will be given to applications for which payment is received before the course starts.
- b) Registration form can be faxed or emailed to us. If payment is made electronically please fax the deposit slip to (011) 403 7736. Cheques must be made out to South African Road Federation. A 10% increase in course fees will be applicable for all payments received after completion of the course.
- c) SARF Members only qualify for the Member' fees if their annual subscriptions are paid up-to-date.
- d) Cancellation of delegate registration will be accepted up to two weeks prior to commencement of the course. A levy will be charged to cover the administration costs.

- e) Cancellation at a later stage will not qualify for a refund of fees, except in exceptional circumstances.
- f) Substitute delegates are acceptable.
- g) SARF reserves the right to cancel the course in the event of unforeseen circumstances. All applicants will be informed and only course fees paid will be refunded.
- h) Delegates should advise us if they have any special preference regarding meals, e.g. Halaal, vegetarian, etc.
- i) Delegates must sign the attendance register at the start and end of each day of the course.

## REGISTRATION AND ENQUIRIES

The application form and all enquiries should be directed to:

South African Road Federation  
 P O Box 31577  
 BRAAMFONTEIN, 2017  
 Tel: (011) 403 - 5603  
 Fax: (011) 403 -7736  
 E-mail : [administrator@sarf.org.za](mailto:administrator@sarf.org.za)  
 Web Site : [www.sarf.org.za](http://www.sarf.org.za)

The closing date for registrations is

KwaZulu-Natal: 25 October 2010  
 Pretoria: 1 November 2010  
 Cape Town: 15 November 2010

## PROVISIONAL PROGRAMME

### DAY 1

07:30 to 08:00 Registrations and signing of attendance register.  
 08:15 Welcome and Purpose of Workshop  
 08:30 Introduction to Bridge Management  
 09:15 DER Rating System and STRUMAN  
 09:45 Inventory and inspection forms  
 10:15 – 10:45 Tea  
 10:45 Rating of defects and quantities  
 11:30 Visual Inspection guide  
 12:00 Question and answer time  
 13h00 – 13:45 Lunch  
 13h45 Photographic requirements & tips  
 14h15 Case Studies  
 16h30 Signing of attendance register and closure of Day 1

### DAY 2

08:00 – 13:00: Site visit and Bridge inspection calibration. Sign attendance register and hand in bridge inspection forms.  
 13:00 – 13:45 Lunch back at course venue  
 13:45 – Further clarification on rating and questions  
 14:15 Written examination  
 15:00 – Tea  
 15:30 How to capture information into BMS  
 16:00 Closure

## DELEGATE REGISTRATION BRIDGE AND CULVERT INSPECTOR'S COURSE

1. Venue: .....

2. Name & Surname: .....

ID No.

3. Name & Surname: .....

ID No.

Organization: .....

COMPANY VAT REGISTRATION NO

Company Order number (where applicable)

Postal Address: .....

Tel: ..... Fax: .....

E-Mail: .....

Cell Number: .....

Authorised Signature: .....

Fees:

SARF/SANRAL/CSIR Members R 3 500 = .....

Non-SARF Members R 4 000 = .....

Subtotal 1 = .....

VAT @ 14% of subtotal 1 = .....

**TOTAL DUE**