



## SOUTH AFRICAN ROAD FEDERATION

in association with



Presents a half-day workshop

on

**THE CAUSES, IDENTIFICATION  
AND REPAIR OF POTHOLES**

in

**FEBRUARY, MAY & JUNE 2011**

**CPD VALIDATION**  
**SARF11/0002/14**

**Statement by Chairperson of the Infrastructure Development Cluster and Minister of Transport Mr. Sibusiso Ndebele (MP) at the media briefing held in Parliament, Cape Town on 15 February 2011. (is quoted)**

### 5.1 ROAD MAINTENANCE PROGRAMME

- **In this regard we are rolling out the S'HAMBA SONKE (Walking together) PROGRAMME**, a new and innovative nation-wide drive to focus on the maintenance of our secondary road infrastructure using labour intensive methods of construction and maintenance. We have set aside R6.4 billion in 2011/12, R7.5bn in 2012/13 and R8.2bn for 2013/14, amounting to total of R22.3bn in the medium term. At least 70 000 jobs will be created in 2011 through this programme.
- S'HAMBA SONKE includes a massive pothole programme that will be rolled out nationally with immediate effect. Potholes will be patched nationally. We will launch a Pothole Hotline for road users to report potholes. S'HAMBA SONKE will no doubt arrest the decline of our infrastructure and create thousands of jobs.
- Roads Engineers and Superintendents will be deployed all over our network with the responsibility to address potholes. They will be charged with driving up and down stretches of road every morning in order to determine the daily condition of our road network. In this way, potholes will be identified and repaired early.

*(end quote)*

### WORKSHOP DESCRIPTION

The workshop will be based on the document recently published by the CSIR: *Technical guide to the causes, identification and repair of potholes*. The repair of potholes in South Africa is currently done on an ad hoc basis, usually without paying attention to the underlying cause. This generally leads to rapid failure of the patches and the need for repeated repairs.

The workshop is open to all, but is specifically aimed at engineers, contractors and road inspectors who hope to be involved with the routine maintenance of sealed roads. This is currently the only guideline of its kind in South Africa. It includes an innovative pothole classification system developed by the CSIR, which classifies potholes into one of seven categories depending on the causes and nature of the pothole. Each of these categories requires a different repair technique, which is described such that the fundamental cause of the pothole is addressed during the repair.

#### **The workshop will cover:**

- Introduction and impact of potholes
- Causes of potholes
- Classification and management of potholes
- Repair/correction of potholes
- Quality control of repairs.

Copies of the technical and non-technical guide published by the CSIR will be provided to each delegate.

### PRESENTERS

**Dr Phil Paige-Green – CSIR**

**Amy Maharaj - CSIR**

**Basil Jonsson – SARF**

**Other invited guest presenters**

## VENUE

The workshop will be held at the following venues: **Please note the time of registration**

*Pretoria: 22 Feb - Registration at 13h30*

*Gauteng (Benoni): 23 Feb - Registration 13h30*

*Port Elizabeth: 03 May - Registration at 13h30*

*East London: 04 May - Registration at 13h30*

*Durban: 05 May - Registration at 13h30*

*George: 31 May - Registration at 13h30*

*Cape Town: 01 June - Registration at 13h30*

*Nelspruit: 02 June - Registration 13h00*

## FEES PER DELEGATE

SARF Sponsor Members R 700.00

SARF Members R 750.00

Non-SARF Members R 800.00

The above fees exclude VAT, which must be added to the payment made. The fee includes the pothole guide documents 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 workshop starts.
- b) Registration forms 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 workshop fees will be applicable for all payments received after completion of the workshop.
- c) SARF members qualify for the Member fees only if their annual subscriptions are fully paid up.

- d) Cancellation of delegate registration will be accepted up to two weeks prior to commencement of the workshop. 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 workshop in the event of unforeseen circumstances. All applicants will be informed and only workshop fees paid will be refunded.
- h) Delegates should advise us if they have any special dietary requirements, e.g. Halaal, vegetarian, etc.
- i) Delegates must sign the attendance register at the start of the workshop.

## REGISTRATION AND ENQUIRIES

The completed application form and all enquiries should be directed to:

South African Road Federation

PO 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)

## **PROVISIONAL PROGRAMME FOR AFTERNOON WORKSHOPS**

- 13:30 Registrations and tea
- 14:00 Welcome, purpose of workshop and Introduction
- 14:20 Causes of potholes
- 15:00 Classification and management of potholes
- 15:30 Repair of potholes
- 16:00 Quality control
- 16:30 Question and answers
- 16:45 Closure & networking

## DELEGATE REGISTRATION FORM THE CAUSES, IDENTIFICATION AND REPAIR OF POTHOLES

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: .....

Email: .....

Cell number: .....

Authorised signature: .....

Fees:  
SARF Sponsor Members R 700 = .....  
SARF Members R 750 = .....  
Non-SARF Members R 800 = .....  
Subtotal (1) R = .....  
VAT @ 14% of Subtotal 2 = .....  
TOTAL DUE = .....