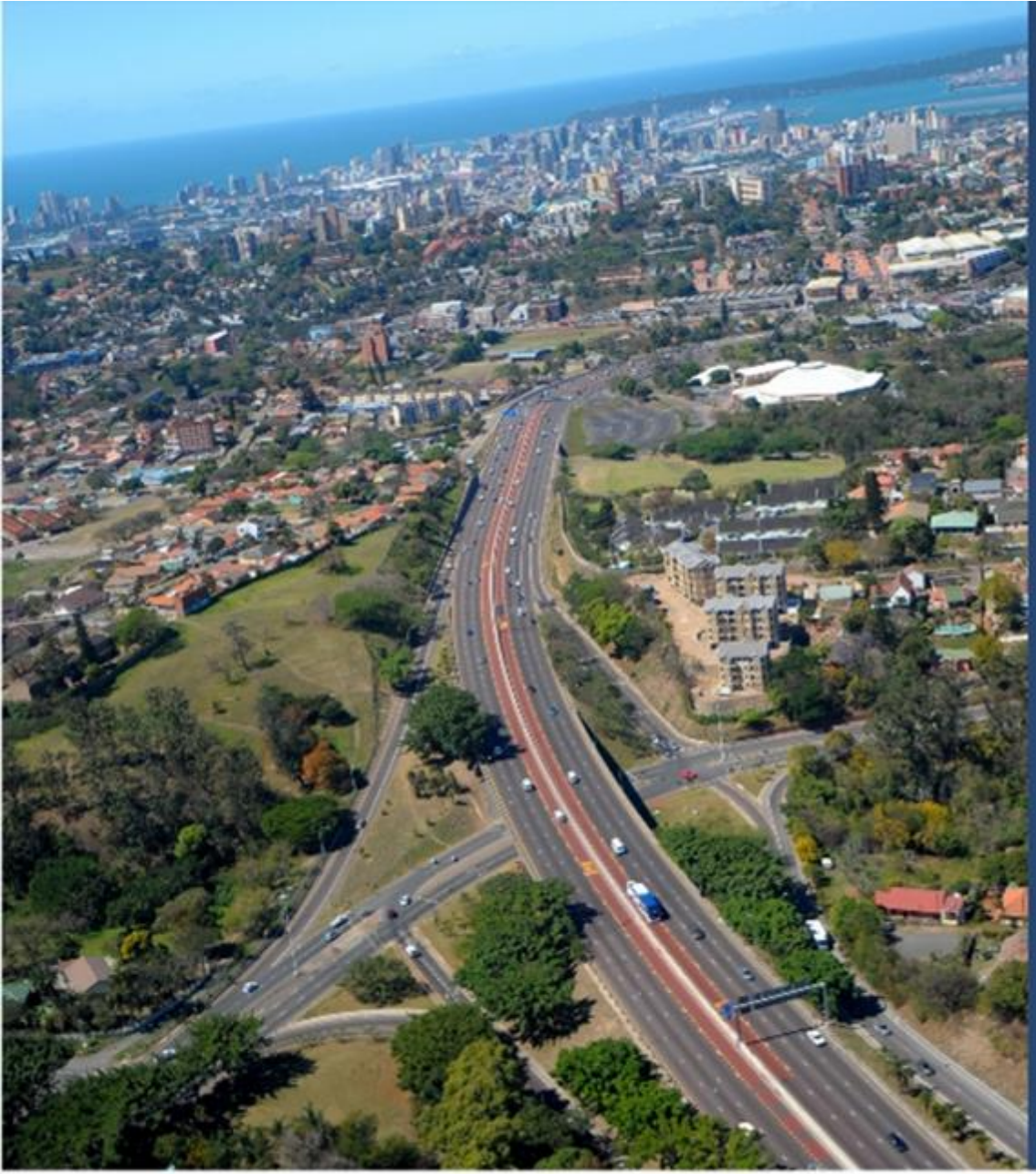
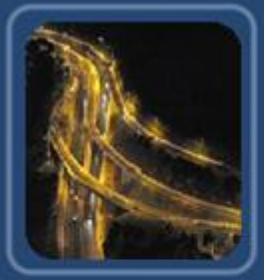


SARF

better roads



South African Road Federation

COURSE PRESENTERS

GERHARD FOURIE – GEOTECHNICAL MANAGER SANRAL - INTRODUCTION

DAY 1

GV PRICE – ENGINEERING GEOLOGIST – DIRECTOR TERRECO GEOTECHNICAL

ALAN PARROCK – GEOTECHNICAL ENGINEER - RETIRED (PREVIOUSLY CEO ARQ)

DAY 2

LOUIS MELIS – GEOTECHNICAL ENGINEER – CEO - MELIS & DU PLESSIS

COTO – CHAPTER 12 – GEOTECHNICAL APPLICATIONS

1	**Piling**
2	Ground Anchors
3	Ground Improvement
4	Lateral Support
5	Shotcrete
6	Mechanically Stabilised Earth & Gabions
7	Trenchless Methods
8	Ground Drainage
9	Slope Protection Measures
10	Hard Excavation by Blasting
11	Geosynthetics
12	Construction Dewatering

COURSE PRESENTATIONS

Day 1

Introduction – G Fourie – SANRAL

Presentation – GV Price & A Parrock alternating

Brief overview of the new COTO format – GV Price

Ground Anchors – GV Price

Piling – A Parrock

Lateral Support – GV Price

Ground Improvement – A Parrock

Shotcrete – GV Price

Mechanically Stabilised Earth (MSE) and Gabion walls – A Parrock

Trenchless Methods – GV Price

Geosynthetics – A Parrock

Day 2

Ground Drainage – L Melis

Hard Excavation by Blasting – L Melis

Slope Protection Measures – L Melis

Construction Dewatering – L Melis

SAME FORMAT FOR EACH SECTION:

PART A: SPECIFICATIONS

SCOPE
DEFINITIONS
GENERAL
DESIGN BY CONTRACTOR/ PERFORMANCE BASED SYSTEMS
MATERIALS
CONSTRUCTION EQUIPMENT
EXECUTION OF THE WORKS
WORKMANSHIP

PART B: LABOUR ENHANCEMENT
PART C: MEASUREMENT & PAYMENT
PART D: GUARANTEES & COMPLIANCE CERTIFICATES

GROUND ANCHORS