

## CCSA UPDATES IMPORTANT MANUAL ON CONSTRUCTION OF CONCRETE ROADS

*(Wednesday, 25 January 2023) Press release from Jan de Beer, cell 082 456 3677:*

Cement and Concrete SA (CCSA) has published a third and updated version of its highly respected manual, "Concrete Road Construction", authored by Bryan Perrie and Dennis Rossman, two of South Africa's leading authorities on concrete pavements.

Perrie is CEO of CCSA, and Rossman is a retired SA National Roads Agency (SANRAL) executive.

Originally published by a CCSA predecessor, the Cement & Concrete Institute, "Concrete Road Construction" has for the past 13 years proved invaluable to contractors and supervisory staff with the construction of concrete roads using the most modern slip-form paver or rudimentary equipment for low-volume township streets.

In the new edition, the revisions mainly deal with the new Committee of Transport Officials (COTO) Standard Specifications for Road and Bridge Works for South African Road Authorities, as well as updates on all standards and specifications applicable to suppliers of materials and services to national and provincial roads agencies, as well as metros and municipalities.

The new COTO Standard Specifications for Road and Bridge Works for South African Road Authorities were approved as a Draft Standard in October 2020 and have now officially replaced the 1998 Standard Specifications for Road and Bridge Works for State Road Authorities by the Committee of Land and Transport Officials (COLTO).

SANRAL in March 2021 already made the new COTO Standard Specifications mandatory for use in its procurement documents.

Among the important points covered by Perrie and Rossman in the updated CCSA publication are "Maintenance and Repair of Concrete Layers" for which the structure is now completely different to the old COLTO specifications in terms of both materials and construction techniques. The revised handbook will also familiarise practitioners with the new specifications and highlight significant changes between the old and new specifications and explain the new COTA regulations on maintenance and repair.

Hanlie Turner, Business Development Manager of CCSA, says the revised manual will be welcomed by all practitioners involved in road pavement design, investigation, construction and testing. "Included among these are road authorities, consulting engineers, compilers of procurement documentation, contractors, tendering and pricing departments, and road laboratories. Commercial suppliers of concrete and concrete materials will also gain knowledge of the new material specifications," Turner adds.

For more information and details on acquiring the publication, go to the CCSA website <https://cemcon-sa.org.za/information-hub/books-for-sale/>. CCSA members can order directly from [info@cemcon-sa.org.za](mailto:info@cemcon-sa.org.za), or visit the Information Centre, Block D, Waterfall Park, Bekker Road, Midrand.