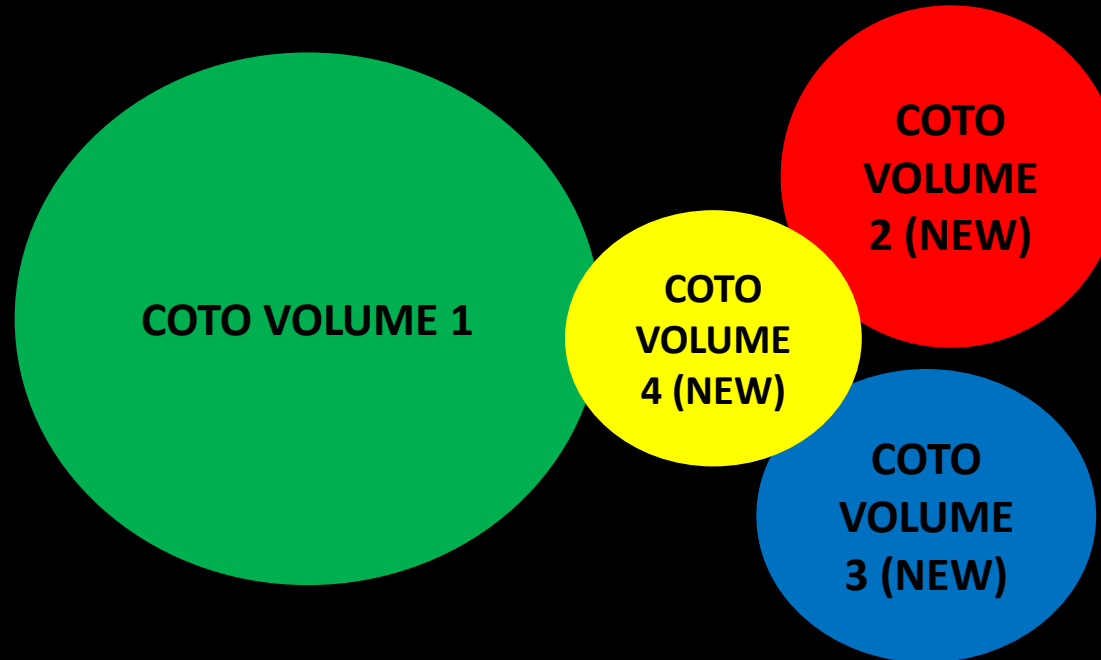


PROPOSED COTO SUITE OF DOCUMENT



COTO Volume 1: Standard Specifications for Road and Bridge Works

COTO Volume 2: Standard Specifications for Routine Road Maintenance

COTO Volume 3: Standard Specifications for Labour Intensive Work

COTO Volume 4: Standard Environmental Management Plan for Roads and Bridge Works

PROPOSED CHANGES

- 1) Restructuring of entire Series in order of construction sequence.
- 2) Add new Series (Services, Geotechnical and Repair & Rehabilitation of Pavements and Structures, etc).
- 3) Number the Series 1; 1.1; 1.1.1; a.b.c.; (i), (ii), (iii) etc. – do away with 1000, 2000 etc.
- 4) Need to look at dividing Volume 1 into Part A and Part B, due to size.
- 5) Plan to make document available electronically (what is best for reading purposes: columns or full pages?).
- 6) Need to see if the industry requires hard copies as well as the printing; management and accessibility of documents have always been a problem.

REVISION OF EXISTING STANDARD SPECIFICATION

ADD NEW SERIES

- SERVICES
- GEOTECHNICAL
- REPAIR & REHABILITATION OF PAVEMENTS AND STRUCTURES

**COTO VOLUME 1
(ROADS AND
BRIDGE WORKS)**

- RESTRUCTURING OF ENTIRE SERIES

AN EXAMPLE OF A NEW SERIES

SERIES 2: SERVICES

SECTION 2.1: DRY SERVICES

- 2.1.1 DUCTS
- 2.1.2 TELECOMMUNICATIONS
- 2.1.3 ELECTRICAL
- 2.1.4 STREET LIGHTING

SECTION 2.2: WET SERVICES

- 2.2.1 WATER SUPPLY
- 2.2.2 WASTE WATER (SEWERAGE)

SECTION 2.3: ENERGY SERVICES

- 2.3.1 GAS
- 2.3.2 FUELS

SECTION 2.4: OTHER SERVICES

CONTENTS OF EACH SECTION

AN EXAMPLE OF A NEW SERIES

SERIES 11: GEOTECHNICAL APPLICATION

SECTION 11.1: RETAINING SYSTEMS

11.1.1 ANCHORS

11.1.2 RETAINING WALLS

11.1.3 ROCKFALL PROTECTION
SYSTEMS

11.1.4 SHOTCRETE / SPRAY CONCRETE

SECTION 11.2: SUPPORT SYSTEMS

11.2.1 GROUND IMPROVEMENT

11.2.2 PILING

11.2.3 PLATFORMS / BRIDGES

11.2.4 PRELOADING

SECTION 11.3: DRAINAGE SYSTEMS

11.3.1 CUT-OFF DRAINS

11.3.2 HORIZONTAL / VERTICAL DRAINS

11.3.3 CURTAIN DRAINS

11.3.4 DRAINAGE CANALS

SECTION 11.4: EXCAVATION BY BLASTING

CONTENTS OF EACH SECTION

CONTENTS OF EACH SECTION

SCOPE

DEFINITIONS

GENERAL

DESIGN BY CONTRACTOR

NEGOTIATIONS WITH AFFECTED PARTIES

MATERIALS

PLANT AND EQUIPMENT

CONSTRUCTION / EXECUTION OF WORKS

ACCOMMODATION OF TRAFFIC

SPECIAL GEOTECHNICAL CONDITIONS

ENVIRONMENTAL MANAGEMENT

OCCUPATIONAL HEALTH AND SAFETY

QUALITY OF MATERIAL AND WORKMANSHIP

MEASUREMENT AND PAYMENT

RESTRUCTURING OF SERIES

EXISTING DOCUMENT

- Series 1000: General
- Series 2000: Drainage
- Series 3000: Earthworks and Pavement Layers of Ground or Crushed Stone
- Series 4000: Asphalt Pavements and Seals
- Series 5000: Ancillary Road Works
- Series 6000: Structures
- Series 7000: Sundry Structures
- Series 8000: Sundries

UPDATED NEW PROPOSAL

- Series 1: General
- Series 2: Services
- Series 3: Drainage
- Series 4: Earthworks
- Series 5: Flexible Pavements
- Series 6: Repair / Rehabilitation of Flexible Pavements
- Series 7: Rigid Pavements
- Series 8: Repair / Rehabilitation of Rigid Pavements
- Series 9: Surfacing's
- Series 10: Ancillary Road Works
- Series 11: Geotechnical Applications
- Series 12: Structures
- Series 13: Repair and Rehabilitation of Structures
- Series 20: Quality Control & Testing

PROGRESS TO DATE

We are now in the first phase of a “Pigeon Race”.

- Desktop studies (sourcing information).
- Restructuring and re-organisation of Series.
- Allocation of tasks to individual team members.
- Incorporation of pro forma documents into COTO.
- Drafting of new Series.

Thank You!