

PROPOSED COTO SUITE OF DOCUMENTS

VOLUME 1	GENERAL CONDITIONS OF CONTRACT (FIDIC; GCC, ETC)
VOLUME 2	STANDARD SPECIFICATIONS FOR:
	2.1 ROADS AND BRIDGE WORK 2.2 ROUTINE ROAD MAINTENANCE 2.3 LABOUR INTENSIVE WORK
VOLUME 3	CONTRACT DOCUMENT
VOLUME 4	ROADWORK DRAWINGS
VOLUME 5	STRUCTURES DRAWINGS
VOLUME 6	MATERIAL UTILIZATION
VOLUME 7	ENVIRONMENTAL MANAGEMENT PLAN

FORMAT OF REVISED COLTO STANDARD SPECIFICATIONS (VOLUME 2)

CHAPTER 1:	GENERAL
CHAPTER 2:	SERVICES
CHAPTER 3:	DRAINAGE
CHAPTER 4:	EARTH AND LAYER WORKS: MATERIALS
CHAPTER 5:	EARTH AND LAYER WORKS: CONSTRUCTION
CHAPTER 6:	CONCRETE LAYERS
CHAPTER 7:	REPAIR & REHABILITATION OF CONCRETE LAYERS
CHAPTER 8:	ASPHALT LAYERS
CHAPTER 9:	SURFACINGS
CHAPTER 10:	ANCILLARY ROAD WORKS
CHAPTER 11:	GEOTECHNICAL APPLICATIONS
CHAPTER 12:	STRUCTURES
CHAPTER 13:	REPAIR & REHABILITATION OF STRUCTURES
CHAPTER 20:	QUALITY ASSURANCE

FORMAT OF REVISED COLTO STANDARD SPECIFICATIONS (VOLUME 2)

EACH CHAPTER CONSISTS OF:

❑ PART A: SPECIFICATIONS

Table of Contents:

- Scope
- Definitions
- General
- Design by Contractor/Performance based systems
- Materials
- Plant & Equipment
- Construction/Execution of works
- Quality of material & workmanship

PART B: MEASUREMENT AND PAYMENT

PART C: GUARANTEES AND COMPLIANCE CERTIFICATES

CHAPTER 1: GENERAL

- ❑ Working group members finalised.
- ❑ First meeting scheduled for 13 November 2015.
- ❑ Items to be covered in Chapter 1:
 - Liaison with affected parties
 - Accommodation of traffic
 - Exceptional geotechnical conditions
 - Environmental management
 - OHS
 - Performance based systems
 - Legal aspects of blasting
 - Definitions
- ❑ **TARGET FOR COMPLETION – END MARCH 2016.**

CHAPTER 2: SERVICES

- ❑ Chapter 2 is making steady progress.
- ❑ Weekly conference calls to monitor progress and input.
- ❑ Working group meets every 2 months.
- ❑ Next meeting is 13 November 2015.
- ❑ Three sets of revisions per section circulating for comment namely Revisions 0, 1 and 2.
- ❑ General Requirements Part A and B (Revision 1 out for comment).
- ❑ Dry Services Part A and B (Revision 0 out for comment).
- ❑ Wet Services Part A and B (Revision 0 out for comment).
- ❑ Energy and Other Services - Draft not yet out for comment, might have to combine with Dry Services, depending on size of section.
- ❑ **TARGET FOR COMPLETION – END DECEMBER 2015.**

CHAPTER 3: DRAINAGE

CHAPTER 10: ANCILLARY ROAD WORKS

- ❑ Target for first draft to be ready by end November 2015.
- ❑ Only three sections still to be drafted:
 - Finishing in road reserve
 - Landscaping
 - Guardrails – now headed ‘Vehicle Restraint Systems’
- ❑ **TARGET FOR COMPLETION – END FEBRUARY 2016.**

CHAPTER 4: EARTH & LAYER WORKS: MATERIALS

CHAPTER 5: EARTH & LAYER WORKS: CONSTRUCTION

❑ Chapter 4:

- First draft almost complete
- Target for second draft to be circulated by mid-November
- Target for final draft to be circulated to industry by February 2016

❑ Chapter 5:

- 35% complete
- Target for first draft by 21 November 2015 and feedback by December 2015 – to be circulated to working group members only for comment
- Bitumen stabilisation to be drafted

❑ **TARGET FOR FINAL DRAFT – END FEBRUARY 2016.**

CHAPTER 6: CONCRETE LAYERS

CHAPTER 7: REPAIR & REHABILITATION OF CONCRETE LAYERS

- Draft in progress.
- TARGET FOR COMPLETION – END DECEMBER 2015.**

CHAPTER 8: ASPHALT LAYERS

CHAPTER 9: SURFACINGS

- New HMA design methods to be incorporated.
- Three legs to Asphalt:
 - Prescribed/conventional
 - Certified
 - Performance based
- Third edition of TG1 modified binders to be incorporated.
- Dual Bitumen specifications available in 2016 – designer can select which to use.
- New PG grades will be included.
- Seals section is 70% complete.
- TARGET FOR COMPLETION – END DECEMBER 2015.**

CHAPTER 11: GEOTECHNICAL APPLICATIONS

- ❑ Regular workshops being held with working group. Last workshop was 3 and 4 November 2015.
- ❑ Input into Structures chapters finalised and comments will be communicated accordingly.
- ❑ **TARGET FOR COMPLETION – END FEBRUARY 2016.**

CHAPTER 12: STRUCTURES

CHAPTER 13: REPAIR & REHABILITATION OF STRUCTURES

❑ Chapter 12:

- Parts A and B are 96% complete
- Part C still to be drafted
- Chapter 12 input on foundations and OHS finalised for Chapter 1 inclusion
- Input into Chapter 20 – structures representative attending working group meetings
- **TARGET FOR COMPLETION – END DECEMBER 2015.**

❑ Chapter 13:

- First draft completed - second draft 80% complete
- Next workshop being held on 23 November 2015 for review
- **TARGET FOR COMPLETION – END JANUARY 2016.**

CHAPTER 20: QUALITY ASSURANCE

- ❑ Chapter 20 well on track.
- ❑ Consultants are revising previous series 8100 and 8200 – 8300 will be done away with.
- ❑ Generic information on guarantee system will be covered in Chapter 1 and specifications and quality in Chapter 20.
- ❑ **TARGET FOR COMPLETION – END DECEMBER 2015.**

LABOUR INTENSIVE WORK (VOLUME 2)

- ❑ Meeting was held to decide on way forward for labour intensive seals and to align with revised COTO document
- ❑ Sidewalks, pedestrian pathways and cycle paths – labour enhanced items will be covered.
- ❑ Labour intensive payment items will be prefixed by an “L”.
- ❑ **TARGET FOR FIRST DRAFT TO BE READY BY FEBRUARY 2016.**

ENVIRONMENTAL MANAGEMENT PLAN (VOLUME 7)

- Working group finalised.
- Work in progress.
- TARGET FOR FIRST DRAFT – MARCH 2016.**



THANK YOU