

TRUNK ROAD INFRASTRUCTURE STANDARD No. 09

PROJECT DELIVERY

Supplement to Austroads Guide: Project Delivery



ACT
Government

Territory and Municipal Services

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PREFACE

The Austroads series of Guides for provision and management of road and transport infrastructure provides a level of consistency across all jurisdictions in Australia and New Zealand. All road authorities have agreed to adopt the Austroads Guides as the primary technical reference, together with the relevant Australian and New Zealand Standards.

The Australian Capital Territory has adopted the Austroads Guides, and has issued a revised series of documents to reflect this development in standards and specifications for practice in the ACT. This present document is part of the ACT Trunk Road Infrastructure Standard (TRIS) series spanning the broad scope of road infrastructure development in the ACT:

- TRIS 01 – Road Planning
- TRIS 02 – Road Design
- TRIS 03 – Traffic Management
- TRIS 04 – Road Safety
- TRIS 05 – Asset Management
- TRIS 06 – Pavement Design
- TRIS 07 – Bridges and Structures
- TRIS 08 – Road Tunnels
- TRIS 09 – Project Delivery
- TRIS 10 – Project Evaluation.
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Each of the TRIS documents indicates adoption of the relevant Austroads Guide, sets out specific requirements for implementation in ACT, and calls up more detailed Specifications.

This ACT Trunk Road Infrastructure Standard No.09 – PROJECT DELIVERY constitutes a supplement to the

AUSTROADS GUIDE TO PROJECT DELIVERY

The Territory and Municipal Services Directorate accepts the principles and general guidance in the Guide to Project Delivery. This Trunk Road Infrastructure Standard is issued to clarify any exceptions or additional requirements for implementation in the ACT, and to identify relevant complementary documents.

Project delivery for road projects in the ACT must be implemented in general accordance with the Austroads Guide above, and in accordance with specific provisions of this Trunk Road Infrastructure Standard.

Where any differences in practice exist between the Austroads Guide and this Trunk Road Infrastructure Standard, the latter will prevail.

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I GENERAL

This document constitutes a supplement to the Austroads Guide to Project Delivery, an outline of which is provided in subsequent sections.

2 GENERAL PRINCIPLES

Adopting the Austroads Guide to Project Delivery means that the delivery of road projects in ACT is to be undertaken in accordance with the principles of that Guide, and in accordance with the relevant requirements and specifications of the ACT government.

Project delivery in a general sense may be described as the process by which the aim or goal of a project is realised or achieved.

3 REFERENCE DOCUMENTS

The primary reference documents for project delivery in ACT are as follows:

- Roads and Public Places Act 1937
- Road Transport (General) Act 1999
- Legislation Act 2001
- Planning and Development Act 2007
- Territory Plan 2008
- Public Roads Act 1902.

Reference should also be made to other directly relevant ACT Trunk Road Infrastructure Standards, particularly:

- Trunk Road Infrastructure Standard No. 02 - Road Design
- Trunk Road Infrastructure Standard No. 05 – Asset Management
- Trunk Road Infrastructure Standard No. 06 - Pavement Design
- Trunk Road Infrastructure Standard No. 07 – Bridges and Structures.

Details for all reference documents other than legislation are given in Section 5 Reference List.

3.1 GUIDELINES

The primary technical guidance is set out in the Austroads Guide to Project Delivery, which consists of four Parts and is structured as follows:

- Part 1 – Overview
- Part 2 – Project Delivery Planning and Control
- Part 3 – Contract Management
- Part 4 – Direct Management of Construction.

The purpose of the Guide to Project Delivery is to provide guidance to road authority personnel involved in the delivery of infrastructure projects. It should be read in conjunction with the relevant road authority's policies, guides and procedures.

The guide compiles existing material available from Austroads members and elsewhere into a resource which provides an Australasian approach to project delivery that covers the main road authority requirements. The guide also uses examples and references from locally applied areas of practice or standards.

Related guidance may also be found in:

- Austroads Guide to Asset Management
- Austroads Guide to Road Design.

3.2 RELATED TECHNICAL SPECIFICATIONS

Detailed requirements for processes or procedures related to project delivery in the ACT are prescribed in: There are no general detailed requirements for project delivery in ACT prescribed directly in **Trunk Road Infrastructure Technical Specification** documents.

The Austroads Guides refer to the requirements of relevant Australian Standards.

3.3 LEGISLATIVE DOCUMENTS

4 SUPPLEMENTARY MATERIAL

The following tabulated material indicates elements of the implementation of project delivery in ACT, as they relate to the content of the various Parts of the Austroads Guide to Project Delivery. The tables provide advice on any additional ACT requirements, or exceptions, to the provisions of the Guide. Complementary documentation is also indicated where relevant.

Supplement to the Austroads Guide to Project Delivery

SUPPLEMENT TO THE AUSTROADS GUIDE TO PROJECT DELIVERY PART 1: OVERVIEW PUBLICATION DATE: 2009		
This document explains the context of project delivery in relation to the asset function and strategic planning process, and then describes the stages of project delivery. It gives guidance on the contents of a project brief, and requirements for good project governance. Project delivery strategies are discussed, including an outline of specific strategies, market considerations and the packaging of delivery contracts. The project delivery plan is overviewed.		
Reference Section	ACT Practice, Complementary Material, or Departures	Date
General	Part 1 of the Guide is adopted, with no exceptions in principle for the practice in ACT	

SUPPLEMENT TO THE AUSTROADS GUIDE TO PROJECT DELIVERY PART 2: PROJECT DELIVERY PLANNING AND CONTROL PUBLICATION DATE: 2007		
This document gives guidance on a number of concepts relating to planning and control of the delivery phase as opposed to the preceding initiation phase and subsequent operational phase of a project. It covers principles and considerations for a range of topics, leaving the details to be sourced from the preferred practice of the jurisdiction for which the project is intended. Key among these issues are risk, procurement strategy, change control, performance monitoring and community engagement. The appendices give further information and examples to assist practitioners in delivering quality outcomes on projects.		
Reference Section	ACT Practice, Complementary Material, or Departures	Date
General	Part 2 of the Guide is adopted, with no exceptions in principle for the practice in ACT.	

SUPPLEMENT TO THE AUSTROADS GUIDE TO PROJECT DELIVERY PART 3: CONTRACT MANAGEMENT PUBLICATION DATE: 2008		
This document gives guidance to project delivery practitioners on the use of contracts for the delivery of projects. It is primarily for those who are gaining experience in contract management, however it will also be a useful reference for more experienced practitioners. It covers appropriate standards of practice and procedures for the management of contracts, defines contracts, and the documentation required to establish and administer a contract. It discusses tendering, including inviting and assessing tenders, as well as details of awarding a contract. Contract administration is covered in depth, and includes contractual relationships and communications, records, quality system requirements, variations, extensions of time, claims, and disputes. It concludes with payments and completing the contract.		
Reference Section	ACT Practice, Complementary Material, or Departures	Date
General	Part 3 of the Guide is adopted, with no exceptions in principle for the practice in ACT.	

**SUPPLEMENT TO THE AUSTRROADS GUIDE TO PROJECT DELIVERY
PART 4: DIRECT MANAGEMENT OF CONSTRUCTION
PUBLICATION DATE: 2008**

This document outlines appropriate standards of practice and procedures for the delivery of works by direct management. It assumes that the organisation has a commitment to undertake works using a direct management workforce with appropriate capability, support and development. It covers the steps following the decision to deliver the project using direct management resources, to final handover of the project. It covers why and when to use direct management as a method for delivery. Managing 'direct management' delivery is discussed from the point of view of the agency/owner, the direct management organisation, and the project manager responsible for the delivery of an individual project.

Reference Section	ACT Practice, Complementary Material, or Departures	Date
General	Part 4 of the Guide is adopted, with no exceptions in principle for the practice in ACT.	

5 REFERENCE LIST

Austroads 2007, *Guide to Project Delivery Parts 1-4*, Austroads, Sydney, NSW.

Austroads 2009, *Guide to Asset Management Parts 1-8*, Austroads, Sydney, NSW.

Austroads 2009, *Guide to Road Design Parts 1-8*, Austroads, Sydney, NSW.

6 STANDARD DRAWINGS