

THE MANUAL

1. INTRODUCTION

This Manual sets out the minimum standards and guidelines for engineering design and construction works in the Maitland City Council Local Government Area. It is intended for use in the preparation of development applications and engineering designs for the construction of approved works, as a “Construction Certificate” under the EP& A Act or as consent under the Roads Act. For more general planning and engineering requirements regarding subdivision design, the DCP should be consulted.

The Manual sets out standards applicable to the construction of roads, drainage and associated infrastructure that will be either, constructed on private land and dedicated to the public under the care and control of Maitland City Council, or constructed on an existing public road for primarily, subdivisions within Urban and Rural environments. The recognised standards for this infrastructure are nominated within the Manual, although contained herein are particular emphases or variations that designers should take into account as Council’s adopted standard.

Also within the Manual is a chapter setting out standards and guidelines for “small-site developments”.

Where Council has approved development pursuant to any Environmental Planning Instrument and in accordance with the Environmental Planning and Assessment Act, the conditions of Development Consent (assessed and deemed appropriate under Section 80A of the Act) appended to the Notice of Determination together with this document will establish the engineering design and construction requirements.

Where no reference exists in this document regarding particular design and construction details, the designer should determine a course of action based on best design practice, alternative reference material, and appropriate standards. Council may require deviation from this Manual to achieve good design outcomes. Deviations from standards proposed by consultants, shall be justified to Council. Consultants are encouraged to consider equivalent alternative designs or approaches where appropriate. Such alternatives may be desirable due to changing attitudes and standards in engineering and planning disciplines.

This document should be used and interpreted by suitably qualified and experienced consultants and contractors in the fields of land development, subdivision and construction of infrastructure.



2. AIMS & OUTCOMES

The aims of the Manual Of Engineering Standards (MOES) are:

- To recognise and control development within natural landscape of acceptable infrastructure catering for the movement throughout of pedestrians, cyclists and motor vehicles, and for the control of rainfall runoff as part of that infrastructure, and for appearance.
- To identify Council's expectations and requirements relating to information required in engineering plans and standards of engineering design and construction for subdivision and development.
- To promote best engineering practice and quality environmental outcomes.

The desired outcomes in the application of the Manual are (SPEL):

- Safety – for public usage of the built infrastructure
- Politic – for prudent and tactful interaction in the practical matters with affected residents
- Environmental – controls to protect adjoining and nearby residents and ecologies
- Liability – reduction to accepted minimums for Council's ongoing maintenance responsibilities

3. DISCLAIMER

This document is intended to be a technical guide and should not be used as a works specification. It does not remove the need for compliance with all relevant statutory requirements.

Whilst this manual is a policy document of Maitland City Council, the information contained herein at the date of publication, is subject to revision by Council due to changing standards over time. Therefore, no warranty can be given that this document represents current standards and practices at the time of their application in design and construction. The responsibility is on the user of this manual to verify the currency of information contained and referenced herein, prior to implementation.

Subsequently, certified/approved designs for works that are either on existing public lands or on land intended for dedication to the public, and that are older than two years, must be reviewed and rendered acceptable to Council, prior to construction.