ARterial (Two Lanes)
(Full Width Seal)
9.0m Formation
9.0m SEAL
Scale 1:100

Acceptable Design Solutions

Traffic
Volumes not Restricted

Design Speed
Design Speed 80 to 100 km/h

Longitudinal Grade
Maximum Grade 16%, Minimum Grade 0.2%

Surfacing
16mm & 19mm Two Coat Bitumen Seal

Residential Access Function
Nil

Street Lighting
In accordance with Australian Standard 1158.

Intersections
4 - 8 Kilometre Intersection Spacings

Drainage
Minor Storm - 1 in 5 Year Return Period. Maximum Street Flow Width in accordance with Engineering Design Guidelines for Drainage.
Major Storm - 1 in 100 Year Return Period to be contained within the limits of the Road Reserve, Drainage Reserve or Drainage Easements.
Flows in excess of the Major Storm to have a positive relief outlet. Longitudinal flows are to be contained within the Table Drain.

Guideposts
Guidepost Materials & Erection specified in C283. Spacing as outlined in MUCTD.

Standard Drawings
PA3 - 865 Standard Kerbs and Channels
PA4 - 877 Standard Slotted P.V.C. Pipe Sub-Soil Drain

Drawing File Name
\(\text{MISC\u007cROAD\_HIERARCHY\u007cA3-3601.DWG}\)

Mackay City Council

Executive Manager
Infrastructure Services
Stuart Howey

Arterial Road
Cross Section
Arterial - Two Lanes Undivided (Rural)

Drawing No.
A3-3603

Amend.
Sheet 1 of 1