**ARterial (4 lanes divided)**

**Acceptable Design Solutions** (Reference: "Engineering Design Guidelines")

- **Traffic**
  - Volumes not restricted

- **Footpaths / Cycloraths**
  - Varies with pedestrian / cyclist network requirements

- **Bus Stop**
  - Indented, clear of traffic lanes

- **Design Speed**
  - Minimum design speed 80 km/h

- **Longitudinal Grade**
  - Maximum grade 1.6%. Minimum grade 0.2%

- **Surfacing**
  - Asphalt - minimum thickness 50 mm, underlaid with 7mm primer seal

- **Residential Access Function**
  - Nil

- **Street Lighting**
  - In accordance with Australian Standard 1158

- **Kerbing Type**
  - Barrier kerb & channel, edging kerb

Sound Attenuation

- Sound attenuation measures such as mounding, planting and / or fencing may be required between the street and abutting lots, in accordance with Queensland streets & council policy

- **Verge Trees**
  - One (1) tree per residential allotment or spaced at approximately twenty (20) metre intervals, dependent on site/safety considerations at the discretion of the manager of parks & recreation, in accordance with policy 1.5 - footpath planting & maintenance requirements.

- **Intersections**
  - Intersections with arterial or collector roads will generally require right turn, deceleration, and passing lanes as determined from a traffic study, with a minimum of three hundred (300) metre 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.

- **Dimension**
  - Carriageway and verge dimensions are measured to channel invert.

**Standard Drawings**

- PA3 - 865 Standard Kerbs and Channels
- PA3 - 867 Standard Slotted P.V.C. Pipe Sub-Soil Drain
- A2 - 500 Standard Concrete Footpath

**Urban 2**

**Drawing File Name**

'MISC/ROAD HIERARCHY A3-3601.DWG'