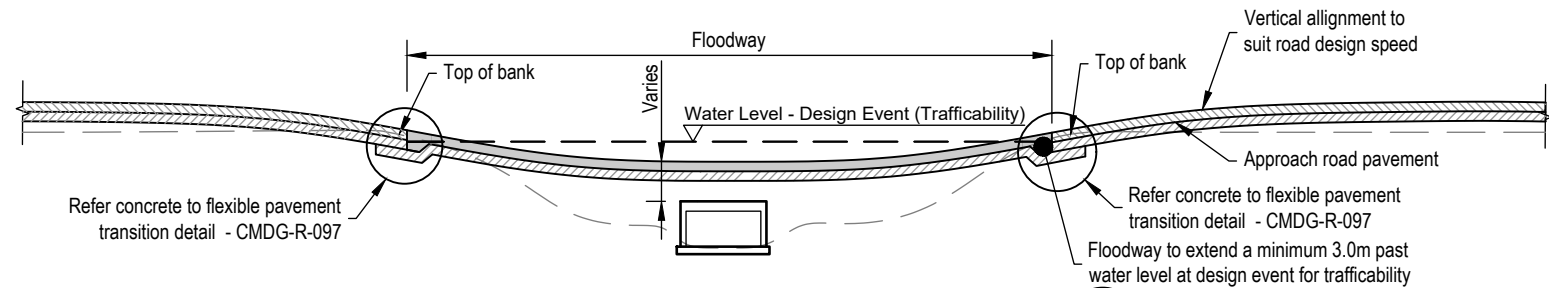


TYPICAL PLAN VIEW
SCALE 1:250



TYPICAL LONGITUDINAL SECTION VIEW
N.T.S.

NOTES

- For concrete pavement, batter and jointing details refer to CMDG-R-096 and CMDG-R-097.
- Scour protection extents and rock size (D50) to be determined by hydraulic analysis (min D50=200mm), completed by a registered professional Engineer of QLD (RPEQ) in accordance with QUDM.
- All signage to be installed in accordance with MUTCD
- Flood way depth indicators to be installed at lowest point on flood way aligned to downstream side, or deepest point of floodway.
- Guide posts to be installed in accordance with MUTCD (Part 2, clause 4.2.4)
- Culvert crossings to be constructed in accordance with QLD Department of Agriculture and Fisheries - Accepted Development Requirements for operational work that is constructing or raising waterway barrier works.
- All stormwater pipe bedding shall be in accordance with the project drawings & CMDG standard drawings D-010 and D-011.
- Reinforced concrete headwalls, wingwalls and aprons with cut off walls to be constructed in accordance with TMR standard drawing SD1243, SD1250, SD1260, SD1304 and SD1305. Precast headwalls, wingwalls and aprons may be used where approved by a RPEQ.
- Reinforced concrete box culverts constructed in waterway classification purple to be constructed in accordance with the TMR standard drawing SD1270
- Reinforced concrete box culverts constructed in waterway classification red to be constructed in accordance with TMR standard drawing SD1270
- Reinforced concrete box culverts constructed in waterway classification amber to be constructed in accordance with TMR standard drawing SD1271
- Vertical grading to ensure stopping sight distance (SSD) is provided as per relevant standard.
- Floodway cross fall typically 1% fall in the direction of flows for single lane floodways. For two lane floodway cross fall typically crowned with 3% fall each way. Cross fall will vary as required for site specific requirements.
- All road geometry to comply with Austroads Guide to Road Design Part 3 & Part 5B.

DRAWING APPLICABILITY TABLE							
Council	BSC	CHRC	GRC	IRC	LSC	MRC	RRC
Applicable	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Alternative DWG	-						

REVISIONS	DATE
C MAJOR UPDATES	12/2025
B IRC ADDED	12/2016
A ORIGINAL ISSUE	04/2016

DISCLAIMER.
The authors and sponsoring organisations shall have no liability or responsibility to the user or any other person or entity with respect to any liability, loss or damage caused or alleged to be caused, directly or indirectly, by the adoption and use of these Standard Drawings including, but not limited to, any interruption of service, loss of business or anticipatory profits, of consequential damages resulting from the use of these Standard Drawings. Persons must not rely on these Standard Drawings as the equivalent of, or a substitute for, project-specific design and assessment by an appropriately qualified professional.

Capricorn Municipal Development Guidelines
Incorporating:
Banana Shire Council (BSC) Maranoa Regional Council (MRC)
Central Highlands Regional Council (CHRC) Rockhampton Regional Council (RRC)
Gladstone Regional Council (GRC) Isaac Regional Council (IRC)
Livingstone Shire Council (LSC)

**FLOODWAY
CULVERT CROSSING**

ROADS	
STANDARD DRAWING	A3
CMDG-R-095	
REV.	A B C