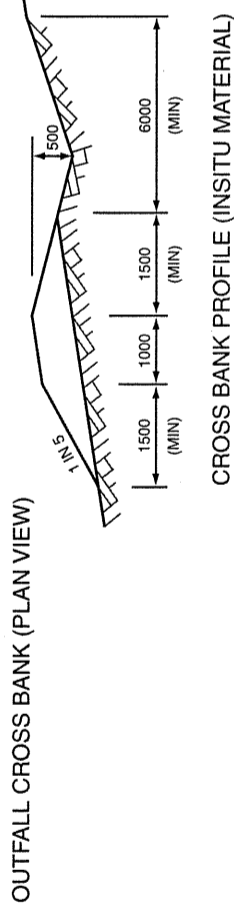
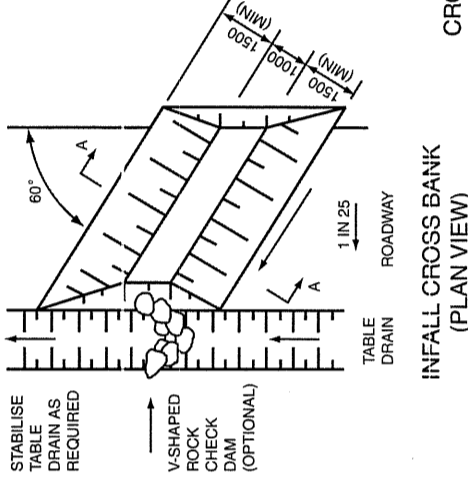


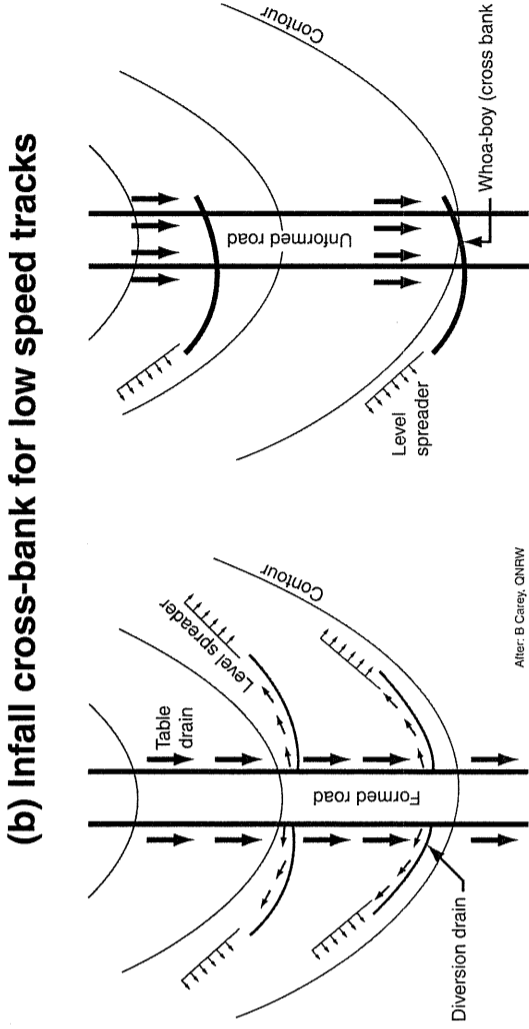
- NOTES (OUTFALL CROSS BANK):**
1. THE CROSS BANK SHOWN IS FORMED BY EXCAVATING ROAD MATERIAL AN UP-SLOPE CROSS DRAIN. ALTERNATIVELY THE BANK COULD BE FORMED USING IMPORTED MATERIAL.
  2. THE TABLE DRAIN UP-SLOPE OF THE CROSS BANK MUST BE FREE DRAINING. SEDIMENT DEPOSITED WITHIN THE CROSS DRAIN MUST BE REMOVED ON A REGULAR BASIS.



**(a) Outfall cross-bank for low speed tracks**

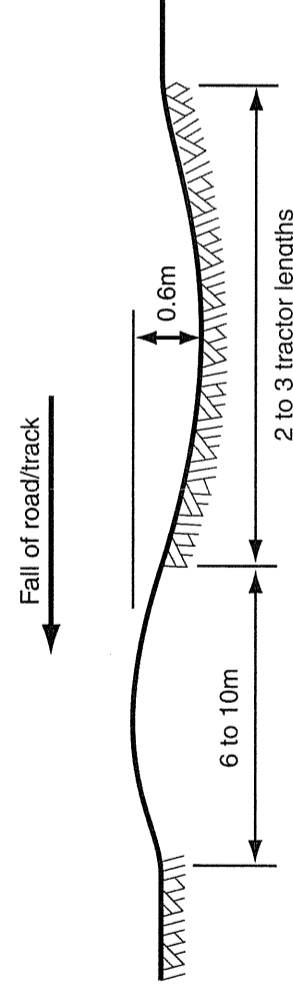


- NOTES (INFALL CROSS BANK):**
1. THE CROSS BANK SHOWN IS FORMED USING IMPORTED MATERIAL AND THUS DOES NOT REQUIRE ANY EXCAVATIONS INTO THE ROAD UP-SLOPE OF THE BANK. ALTERNATIVELY, THE BANK COULD BE FORMED USING INSITU MATERIAL.
  2. ROCK CHECK DAMS OR OTHER STABILISATION MEASURES PLACED IN THE TABLE DRAIN MUST NOT CAUSE PONDING ON THE ROAD.



**(c) - (d) Drainage options for ridge tracks**

- General notes:**
1. Drainage structures are applicable to unsealed roads and tracks.
  2. Design details vary with traffic volume and speeds.



**(e) Typical cross-bank profile for low speed tracks**

CONSTRUCTION ROAD DRAINAGE		SHEET 1 OF 1	
Mackay REGIONAL COUNCIL		WORKS JOB No. -	
DRAWING No. A3-6863		AMEND. A	
FILE NAME	DESIGNDOCUMENTS\SEC STD DRAWINGS\...	DATE	21.11.11
NO.	A	DATE	21/11/11
DESCRIPTION	ISSUE FOR CONSTRUCTION	SIGNED	POG
AMENDMENTS AND REVISIONS		DESIGNED	POG
APPVD		CHECKED	POG
LEVEL DATUM	AHD	MANAGER TECHNICAL SERVICES	21.11.11
MERIDIAN	MGA 55	G. HAWES	RPEQ 5693
DIRECTOR ENGINEERING SERVICES	Sm-Holley	DATE	21.11.11
STUART HOLLEY RPEQ 5940			