

Modern Cane Railways of Queensland

Carl Millington's presentation at the Modelling the Railways of Queensland Convention, 2004

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Part 3: Cuttings and Tunnels

Cuttings: Cane railway cuttings are like any cutting found on any railway system. They all vary in their height, length, width and the materials they are cut from or protected with. Some cuttings in high rainfall areas are designed to let water flow through them by having the two walls and floor coated in concrete. The cutting was made to relieve the grade from 1 in 60 to 1 in 100.

Tunnels: There are only a handful of 'real' tunnels throughout the sugar tramways of Queensland. The tunnels that do exist are mostly not under mountains or hills but under roads. Some are simple concrete arches mostly of the pre-cast type with the road

overhead to ones that look like proper railway tunnels. Most tunnels are only as wide as the road they go under. Similar structures are found where tramways pass over roads or railway lines, but are classed as underpasses.

Mill	Tunnel location	Road/Hill
Mulgrave	Brinsmead Gap	Both
Sth Johnstone	Currajah	Road
Marian	Marian/Hampton Rd	Road
Marian	Finch Hatton Gorge	Road



Cutting coming out of the Herbert River, Victoria Mill system



Cement lined cutting on the Kalamia Mill system



Gorge Tunnel, near Finch Hatton on the Marian system.