From Field to Mill: Modelling Cane Railways

Lynn Zelmer
Industry background
Modelling techniques
Modelling challenges
From Field to Mill: Modelling Cane Railways -- Modelling the Railways of Queensland Convention 2002
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Modelling the Bundaberg Jenbach

Prototype drawings by Jim Fainges; model adapted from Bob Dow's original plans/design.
Modelling Queensland's Cane Railways

Brake Vans

Cane bins on Queensland cane railways lack brakes, thus the need for radio-controlled brake vans, normally positioned at the end of the rake, to supplement loco brakes.

Prototype photos by Greg Stephenson.
Modelling Queensland Cane Railways

Transporting Sugar
Inspiration from the prototype: weed sprayer equipment at Bingera Mill, 1998

Models and prototype photo used for artwork by Greg Stephenson
Modelling the Railways of Queensland 2002

Yes, mixed trains ran on some cane tramlines!

The Mapleton Tramway passenger van blueprint is adapted from a Maroochy Shire Council drawing in the Greg Stephenson collection. The HOn30 passenger van was imagined from it and crew/tool vans similar to the one in this 1997 Farklegh Mill photo by Greg Stephenson.
Modelling Portable Cane Tramway Track

CaneSIG: http://www.zelmeroz.com/CaneSIG
On30 in 7mm scale by Brisbane modellers
Cane in the Garden

'Petrie', a coal-fired 16 mm scale Fowler for 32 mm gauge. Built and photographed by Steve Malone.
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HOn30, Pap North Hobbies for Bachmann F7 mechanism
Tom’s Model Tractors

c/- Tom Badger
155 McLeod St
Condong NSW 2484
Ph (02) 66725035
e-mail: tomb@norex.com.au

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2002-3 Project:
Microsoft Train Simulator
Cane loco and system
Computer and console
10-12 km track
4 & 6 ton bins
Small loco
Support facilities (loco sheds, etc.)
Thank you for the inspiration and assistance…

Too many to name individually: Modellers, photographers, historians, mill managements and staff, researchers, academics, librarians, archivists, hobby suppliers, etc.
Happy Modelling!