



Timber Bridge Maintenance Manual



**Queensland
Government**

Department of
Main Roads

DEDICATION

This Manual is dedicated to Kevin Collet who passed away on 24th August 2003.

As a timber bridge foreman, Kevin had extensive hands-on experience with Main Roads timber bridge maintenance in central Queensland, working for RoadTek, Central District.

His knowledge and expertise in timber bridge work has been of invaluable assistance to Bridge Asset Management over the years and his advice on such matters will be sorely missed.

BAM drew on his experience during the development of corporate bridge management systems and also for bridge repair and rehabilitation schemes.

Kevin has also provided considerable and valued input to the development of the “Timber Bridge Manual”. This documenting of corporate knowledge has also been aided by numerous on-site discussions with BAM personnel, helping provide an appreciation of procedures, practicality of details etc.

A valued part of Kevin Collett's legacy may be considered to be retained in this document.

Peter Graham
Principal Engineer
Bridge Asset Management



Bridge in a bad state through neglect of maintenance

This photo appeared in the first Annual Report of the Main Roads Board, 1922.

Front Cover Photographs

1. Mary River bridge near Miva
2. Deep Creek bridge on Dawson Highway
3. Dawson River bridge near Theodore
4. Albert River bridge at Burketown
5. Yabba Creek No. 4 bridge near Imbil
6. Mary River bridge near Tuchekoi

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Timber Bridge Maintenance Manual

This Manual covers maintenance activities applicable to the various components of bridges which have been constructed either fully or partially using timber materials. Unless specifically associated with timber bridges, components in steel and concrete will be covered in the appropriate parts of the Bridge Maintenance Manual. Note that components marked* in the Table of Contents are expected to be found in only a very small number of structures on Main Roads state controlled roads.

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