STRESS-LAMINATED TIMBER BRIDGES | ALL OVER NEW ZEALAND

Role of PTL

- PTL are New Zealand’s experts in the structural design and specification of stress-laminated timber bridges

Structure Description:

Stress-laminated timber bridges are used around the world providing sustainable, sturdy and cost-effect solutions. Able to span up to 20 m and more, the use of timber makes the stress-laminated bridge lightweight maximise strength while minimising bridge depth.

Stress-laminated bridges are portable, prefabricated and easy to maintain. Stress-laminated bridges are also versatile with applications as architectural avant-garde pedestrian bridges to frequently and heavily load highway bridges. Stress laminating also has application in structural retrofit.

Building Facts:

These structures are:

- Low cost
- Environmentally Friendly
- Easily Built
- Long Lasting
- Re-locatable