



PBS

Professional Bridge Services

Engineering Excellence

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Bridge Inspection Services

PBS offers Professional Level 1 and 2 bridge/culvert inspections by fully trained and accredited inspectors. The inspection format has been designed to be user friendly to the client and can be customised if required. We have expertise in a variety of structure material types including timber, concrete, steel and fibre composites. The inspections on bridges, culverts and other structures are conducted in accordance with Queensland's DMR Bridge Inspection and Maintenance Manuals.

Inspections can be tailored to include recommendations on maintenance treatments and cost estimation of works.

Asset Management Plans

We have capabilities in the full structure management process, including risk score prioritisation and backlog of works. Strategic strategies can be developed with associated cost estimates to produce full Asset Management Plans to the necessary Main Roads and LGAQ requirements.

Bridge Servicing

PBS have full capabilities in the routine maintenance and servicing of structures. These tasks prolong the life of the structure saving significant capital expenditure on replacement. Whether it be tightening bridge bolts, applying timber preservative treatments (coating, preservatives, greasing, fungal and rot prevention treatments), or more complex arrangements (propping or strengthening treatments), PBS offer these services. We also have expertise in the management of timber pest treatments and are aligned with pest control companies to get the best deal and most effective process available.

In-depth Bridge Investigations

There are a number of optional bridge inspection processes that become valuable depending on the scenario. Professional Bridge Services offers DVD compilation for records and observations, load deflection testing, specific maintenance/rehabilitation treatments for unusual situations, as well as non-destructive methods such as Ground Penetrating Radar (timber bridges) or resistograph methods.

Structure Maintenance Services

We pride ourselves on the ability to provide resources for all types of maintenance treatments. Our employees and sub-contractors have vast experience in the rehabilitation of bridges and culverts and when managed effectively, no job is too small or too large to ensure the integrity of your structures.

Flood Management

After flooding events, PBS can provide services to ensure the structure condition is adequate to allow normal traffic flow. We have systems in place to ensure you are covered legally. A flood damage assessment can also be used to apply for flood disaster funding.

Bridge Instrumentation

There are a number of instruments that are available to provide information on structures and flooding. Professional Bridge Services utilises the latest technologies and can install instrumentation that gives you real time information on flow levels and velocities (also other details such as turbidity, wind speed, deflections and so on if required) with instant output via mobile phone (SMS), database, GIS (Geographical Information Systems) or other. This allows the management of road closures and record of flood events.



For more information talk to:
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