



## Brisbane, Queensland

**Notifier by Honeywell's** AFP-2800 analogue addressable fire detection system was selected to protect motorists in Australia's longest road tunnel.

This 4.8 kilometre, twin, 2-lane tunnel is protected by 47 networked fire indicator panels, with 93 data gathering panels using Noti-Fire-Net and is interfaced to the Traffic Management System via eight BACnet/IP gateways.

The graphics packages located in the Tollway Control Centre utilize touch screen technology on two Notifier ONYXWorks Graphics systems controlling the 369 deluge zones.

The ancillary buildings, pump stations, sub-stations and vent outlets both above and below ground are also protected with Notifier.

During construction the tunnel boring machines were also protected by Notifier AFP-2800 fire detection systems with gas and foam suppression control.

The overall system was required to meet strict redundancy and integrity requirements.

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## Facts & Figures

### The CLEM7 Tunnel

**Total length of tollway:** 6.8 kilometers.  
**Total length of tunnel:** 4.8 kilometres.  
**Lowest point:** 60 metres below the Brisbane river.

### Construction of the CLEM7

Over 11,000 people worked on the project.  
Excavation was by Roadheader machines and 2 Tunnel Boring Machines, each 12.4 metres in diameter and over 250 metres long and weighing 4,000 tonnes.  
Each machine required 22 people to operate it and progressed up to 20 metres per day using 78 tungsten carbide tipped 19 inch disc cutters.

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For over 50 years, NOTIFIER has been in a leadership position in the fire alarm industry. Today, we are the largest manufacturer of engineered fire alarm systems with over 400 distributors worldwide, and regional support operations on every continent helping to ensure we provide the flexibility and options your business needs.

**NOTIFIER - Leaders in Life. Safety. Technology.**

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