

Table One: Boom Gates for rail crossings New South Wales projects

Project location	Current Protection Measures	Protection Measures to be installed
Woods Road,Craven	Passive - Stop Sign	Install flashing lights and boom gates and bells
Kenilworth Street,Denman	Passive - Stop Sign	Install flashing lights and boom gates and bells
Tambar Springs Road, Connemarra	Passive - Give Way Sign	Install flashing lights and boom gates and bells
Iona Park Road, Calwalla	Passive - Stop Sign	Install flashing lights and boom gates and bells
Purvis Lane, Dubbo	Passive - Stop Sign	Install flashing lights and boom gates and bells
Lowes Creek Road, Quipolly	Passive - Stop Sign	Install flashing lights and boom gates and bells
Carrick Road , Carrick	Passive - Stop Sign	Install flashing lights and boom gates and bells
Eastbank Road, Nana Glen	Passive - Stop Sign	Install flashing lights and boom gates and bells
Public Road, Denman	Passive - Stop Sign	Install flashing lights and boom gates and bells
Magpie - Qurindi Road, Spring Ridge	Passive - Give Way Sign	Install flashing lights and boom gates and bells
Coles Lane, Yarra	Passive - Stop Sign	Install flashing lights and boom gates and bells
Collombatti Link Road, Tamban	Passive - Stop Sign	Install flashing lights and boom gates and bells
Gurrendah Road, Creadalbane	Passive - Stop Sign	Install flashing lights and boom gates and bells
Glenyalla Road, Kankool	Passive - Stop Sign	Install flashing lights and boom gates and bells
Gap Road, Gap	Passive - Stop Sign	Install flashing lights and boom gates and bells
Dolly's Flat Road, Killawarra	Passive - Stop Sign	Install flashing lights and boom gates and bells

Old South Road, Cullarin	Passive - Stop Sign	Install flashing lights and boom gates and bells
Public Road, Gunningbland	Passive - Stop Sign	Install flashing lights and boom gates and bells
Red Lane, Koolkhan	Passive - Stop Sign	Install flashing lights and boom gates and bells
Oolong Road , Oolong Road	Passive - Stop Sign	Install flashing lights and boom gates and bells
Mirari Road, Kilbride	Passive - Stop Sign	Install flashing lights and boom gates and bells
Menindee Yard, Menindee	Passive - Stop Sign	Install flashing lights and boom gates and bells
Young Road, Bribbaree	Passive - Stop Sign	Install flashing lights and boom gates and bells
South Bank Road, Eungai	Passive - Stop Sign	Install flashing lights and boom gates and bells
Broadway Road, Jerrawa	Passive - Stop Sign	Install flashing lights and boom gates and bells
Mogo Road, Wollar	Passive - Stop Sign	Install flashing lights and boom gates and bells
Cootamundra Road and Ellis Street, Stockinbingal	Passive - Stop Sign	Install flashing lights and boom gates and bells
Brown's Crossing, Macksville	Passive - Stop Sign	Install flashing lights and boom gates and bells
Public Road, Wollar	Passive - Stop Sign	Install flashing lights and boom gates and bells
Bowral Street, Bowral	Passive	Install swing gates, lights and bells
Carrs Peninsular Road, Koolkhan	Passive - Stop Sign	Install flashing lights and boom gates and bells
Yarrawa Road, Moss Vale	Passive	Install swing gates, lights and bells
Cresnock Road / Caledonia Street, Kearsley	Passive - Stop Sign	Install flashing lights and boom gates and bells
Jaspers Brush Road, Jaspers	Passive - Stop Sign	Install flashing lights and

Brush		boom gates and bells
Kootingal Road, Kootingal	Passive - Stop Sign	Install flashing lights and boom gates and bells
Railway Street, Nemingha	Passive - Stop Sign	Install flashing lights and boom gates and bells
O'Keefe's Lane, Jaspers Bush	Passive - Stop Sign	Install flashing lights and boom gates and bells
Evans Plains Road and Hen & Chicken Lane, Perthville	Passive - Stop Sign	Install flashing lights and boom gates and bells
Long Point Road, Mullion Creek	Passive - Stop Sign	Install flashing lights and boom gates and bells
Bootheba Road, Dubbo	Passive - Stop Sign	Install flashing lights and boom gates and bells
Nyngan Yard and Mitchell Highway, Nyngan	Passive - Stop Sign	Install flashing lights and boom gates and bells
Fitzroy Street, Narrabri	Passive - Stop Sign	Install flashing lights and boom gates and bells
Ploughmans Lane, Orange	Passive - Stop Sign	Install flashing lights and boom gates and bells
Gostwyck Road, Kelly's Plains	Passive - Stop Sign	Install flashing lights and boom gates and bells
Huntly Road, Spring Hill	Passive - Stop Sign	Install flashing lights and boom gates and bells

Table Two: Boom Gates for Rail Crossings Program - South Australia National projects (ARTC owns/operate rail line)

Project name	Current protection measures	Proposed protection measures
Gawler Road - Virginia	Active	Boom barrier upgrade
Hayman Road - Two Wells	Active	Boom barrier upgrade
Penfield Rd - Virginia	Active	Boom barrier upgrade
Ironstone Range Road - Petwood	Stop signs	Flashing Lights only & Seal Crossing Panel
Densley Road - Keith	Stop signs	Flashing Lights only

Cooke Plains-Darwin Roads - Cooke Plains	Stop signs	Flashing Lights only
Wirrega North Road - Wirrega	Stop signs	Flashing Lights only
Yumali Road - Yumali	Stop signs	Flashing Lights only
Lawrie Road - Long Plains	Stop signs	Flashing Lights only
Cameron Terrace - Mallala	Stop signs	Flashing Lights only
Magpie Drive - Taillem Bend	Stop signs	Lights and Boom Gates, Seal Crossing Panel & Escape Lane
Pirie Blocks Road - Port Pirie	Stop signs	Lights and Boom Gates
Korunye - Korunye	Active	Boom barrier upgrade
Gawler Road - Two Wells	Active	Boom barrier upgrade
Dublin - Mallala Road - Mallala	Active	Boom barrier upgrade
Gawler River Road - Two Wells	Active	Boom barrier upgrade
Stuart Highway - Hesso	Active	Active Advance Warning
Barrier Highway - Cutana	Active	Active Advance Warning
Narridy - Merriton Road - Merriton	Stop signs	Flashing Lights only (solar powered) & Seal Crossing Panel
Johnsons Road - Mallala	Stop signs	Flashing Lights only & Seal Crossing Panel
Point Lorne Road - Long Plains	Stop signs	Flashing Lights only & Seal Crossing Panel
Gumbowie -Yongala Rd - Yongala	Stop signs	Flashing Lights only & Seal Crossing Panel
Hill Road - Mallala	Stop signs	Flashing Lights only & Seal Crossing Panel
Westbrook Road - Taillem Bend	Stop signs	Flashing Lights only & Seal Crossing Panel
Binney Road - Crystal Brook	Stop signs	Flashing Lights only & Seal Crossing Panel

Hannah Well Road - Coomandook	Stop signs	Flashing Lights only
Leslie McIntyre Road - Bumbunga	Stop signs	Lights and Boom Gates & Road Alignment
Elizabeth Street - Two Wells	Stop signs	Lights and Boom Gates

**Table Three: Boom Gates for Rail Crossings Program - South Australia
Non-network projects (GWA owns/operates rail track)**

Project name	Current protection measures	Proposed protection measures
Rifle Range Road - Bethany	Give Way signs	Flashing Lights only (solar powered) & Seal Crossing Panel
Magnolia Street - Tanunda	Stop signs	Flashing Lights only
Hobbs Street - Tanunda	Stop signs	Flashing Lights only
Jollytown Road - Lyndoch	Stop signs	Flashing Lights only
Krondorf Road - Tanunda	Stop signs	Flashing Lights only
Edith Street - Gawler	Stop signs	Lights and Boom Gates

Table Four: Boom Gates for Rail Crossings Program - Queensland

Location - Town/Suburb	Current safety measures	Safety measures to be installed
Cloncurry/Dajarra Road , Cloncurry	Passive	Flashing Lights and Boom Gates
Gorman St , Mackay	Flashing Lights	Boom Gates
Rosella/Homebush Road, Rosella	Flashing Lights	Boom Gates
Rosella/Sarina Homebush Road, Sarina	Flashing Lights	Boom Gates and Integration with Cane Tramway Line
Drysdale Street , Ayr	Flashing Lights	Boom Gates and Integrated Traffic System
Racecourse Road, Townsville	Flashing Lights	Boom Gates and Safety Cameras
Bridge Street, Cooran	Flashing Lights	Boom Gates and Safety Cameras

Maraju/Yakapari Road, Mackay	Flashing Lights and LEDs	Boom Gates
Scenery Street, Gladstone	Flashing Lights	Boom Gates
Bruce Highway/Palmerston Drive, Innisfail	Flashing Lights	Boom Gates
Whyte Road, Bouldercombe	Passive	Flashing Lights and Boom Gates
Gardenia Street , Mt Isa	Passive	Flashing Lights and Boom Gates
Stanley St, Rockhampton	Passive	Flashing Lights and Boom Gate
North Street, Rockhampton	Passive	Flashing Lights and Boom Gate
Allen Street, Townsville	Passive	Flashing Lights and Boom Gate
Archer Street , Townsville	Passive	Flashing Lights and Boom Gate
Warrego Highway, Murilla	Flashing Lights	Boom Gates and Active Advance Warning Systems
Cartwright Street, Ingham	Flashing Lights	Boom Gates
Aumuller Road, Cairns	Flashing Lights	Boom Gates and Safety Cameras
Warwick/Allora Road, Deuchar	Flashing Lights	Active Advance Warning and Boom Gates
Mather Road , Townsville	Flashing Lights	Boom Gates, RX-9 Assemblies and Improved Signage
Warner Road, Edmonton	Flashing Lights	Boom Gates
Halifax Road , Lilypond	Flashing Lights	Boom Gates
Mercury St, Gladstone	Flashing Lights	Boom Gates
Boundary Street , Townsville	Flashing Lights	Boom Gates, Safety Cameras and Pedestrian Access upgrades
Butler Street , Tully	Flashing Lights	Boom Gates
Toowoomba/Karrara Road , Wyreema	Flashing Lights	Active Advance Warning and Boom Gates
Cunningham Highway, Yelarbon	Flashing Lights	Active Advance Warning and Boom Gates
Thompson Road, Edmonton	Flashing Lights	Boom Gates and Safety Cameras
Warrubullen Road, Warrubullen	Passive	Flashing Lights and Boom Gates
Maher Road, Gordonvale	Passive	Flashing Lights and Boom Gates
Willow Street, Barcaldine	Passive	Flashing Lights and Boom Gates
Warrubullen Road , Silkwood	Passive	Flashing Lights and Boom Gates
Capricorn Highway, Barcaldine	Passive	Flashing Lights, Boom Gates and Active Advance Warning
Peninsula Development Road, Mareeba	Passive	Flashing Lights and Boom Gates
Ellis Road, Bellenden Kerr	Passive	Flashing Lights and Boom Gates
Hill Road , Edmonton	Passive	Boom Gates, Flashing Lights, and

		Road Geometry as required for gates
Coombe Street, Cairns	Flashing Lights	Boom Gates and Integrated Traffic System
Anderson Road, Woree	Flashing Lights	Boom Gates
Sabine Road, Jondaryan	Passive	Flashing Lights and Boom Gates
Chettle Road, Arriga	Passive	Flashing Lights and Boom Gates
Toolakea Beach Road , Townsville	Passive	Flashing Lights and Boom Gates
Toomulla Beach Road , Toomulla	Passive	Flashing Lights and Boom Gates
Balgal Beach Road , Rollingstone	Passive	Flashing Lights and Boom Gates
Rollingstone Street, Rollingstone	Passive	Flashing Lights and Boom Gates
Hencamp Road , Kinduro	Passive	Flashing Lights and Boom Gates
Muldoon Road , Tully	Flashing Lights	Boom Gates
Japoon Road , Silkwood	Flashing Lights and Passive	Boom Gates and Integration of Crossing QR ID 4672 (closure costs to be met by the state)
South Johnstone Road , Boogan	Flashing Lights	Boom Gates
Hesp/Bennett Road , Aloomba	Passive	Flashing Lights and Boom Gates
Bluewater Drive, Bluewater	Passive	Flashing Lights and Boom Gate
Schillings Road, Moura	Passive	Flashing Lights and Boom Gates
Goonyella/Moranbah Road , Goonyella	Flashing Lights	Boom Gates
Dysart Road , Dysart	Flashing Lights	Active Advance Warning and Boom Gates
Nicholson Street, Dalby	Flashing Lights	Boom Gates
Minnie Street , Cairns	Passive	Flashing Lights and Boom Gates
Gracemere/Somerset Road & Malchi Road , Gracemere	Flashing Lights	Boom Gates
Lake Elphinstone Road , Moranbah	Flashing Lights	Boom Gates
Sugar Mill Road, Pinkenba	Flashing Lights	Boom Gates
Alice Street, Mitchell	Passive	Flashing Lights and Boom Gate
Moorindilla Road , Goowarra	Passive	Flashing Lights and Boom Gate
Tryphinia Road, Wallaroo	Passive	Flashing Lights and Boom Gate
Mills Road , Edungalba	Passive	Flashing Lights and Boom Gate
Lakes Creek Road , Rockhampton	Passive	Flashing Lights and Boom Gate
Edgewood Drive, Emerald	Passive	Flashing Lights and Boom Gates
Mamu Road, Garradunga	Passive	Flashing Lights and Boom Gates