



MELBOURNE PRECEDENTS

Nunawading Station

Melbourne

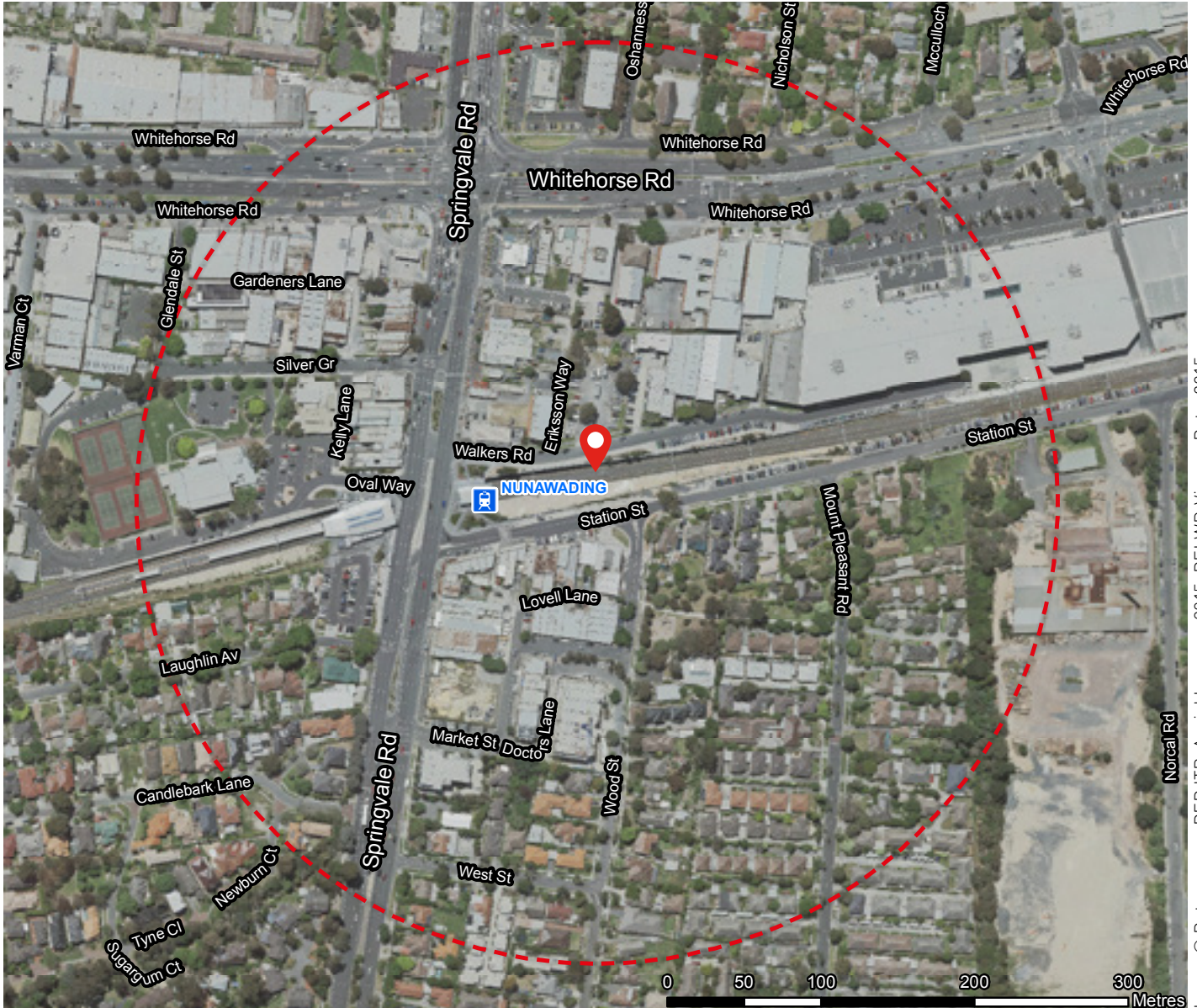


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Addressing the Springvale Road level crossing was a key part of the Victorian State Government's AU\$38bn transport plan. In 2010 the railway line was lowered to allow it to pass under the highway. The structures were broken into individual elements to speed up construction.



Figure M 1 Street level



Figure M 2 View from the street



Figure M 3 Platform



Figure M 4 View from the street



Figure M 5 Street level

Mitcham Station

Melbourne

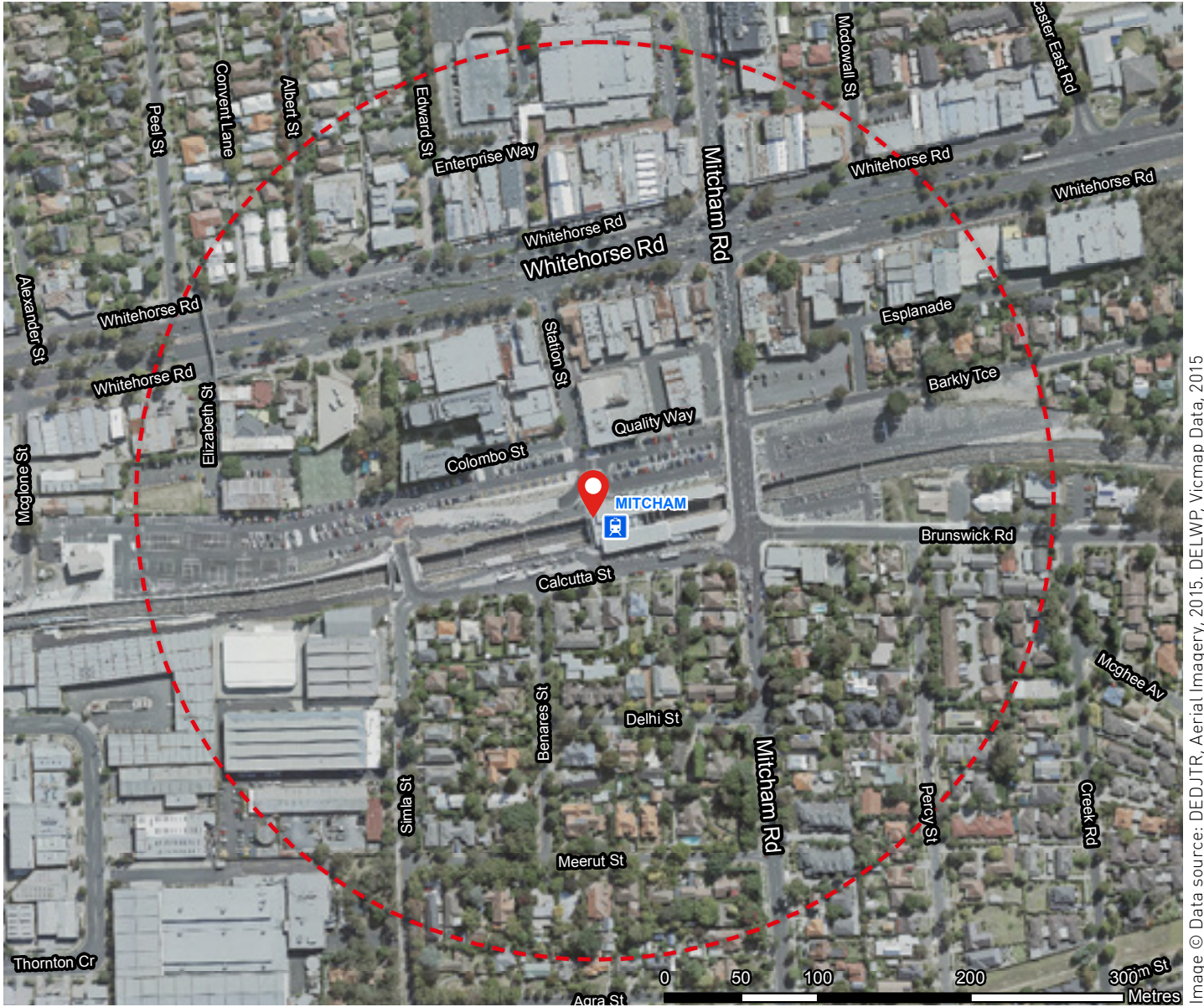


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The redevelopment of Mitcham Station in 2014 created a new below-ground premium station, including car park, bike facilities and bus interchange. The project saw the removal of the level crossings on Mitcham Road and Rooks Road.



Figure M 6 View from the street



Figure M 7 View from the street



Figure M 8 Platforms



Figure M 9 Bus interchange



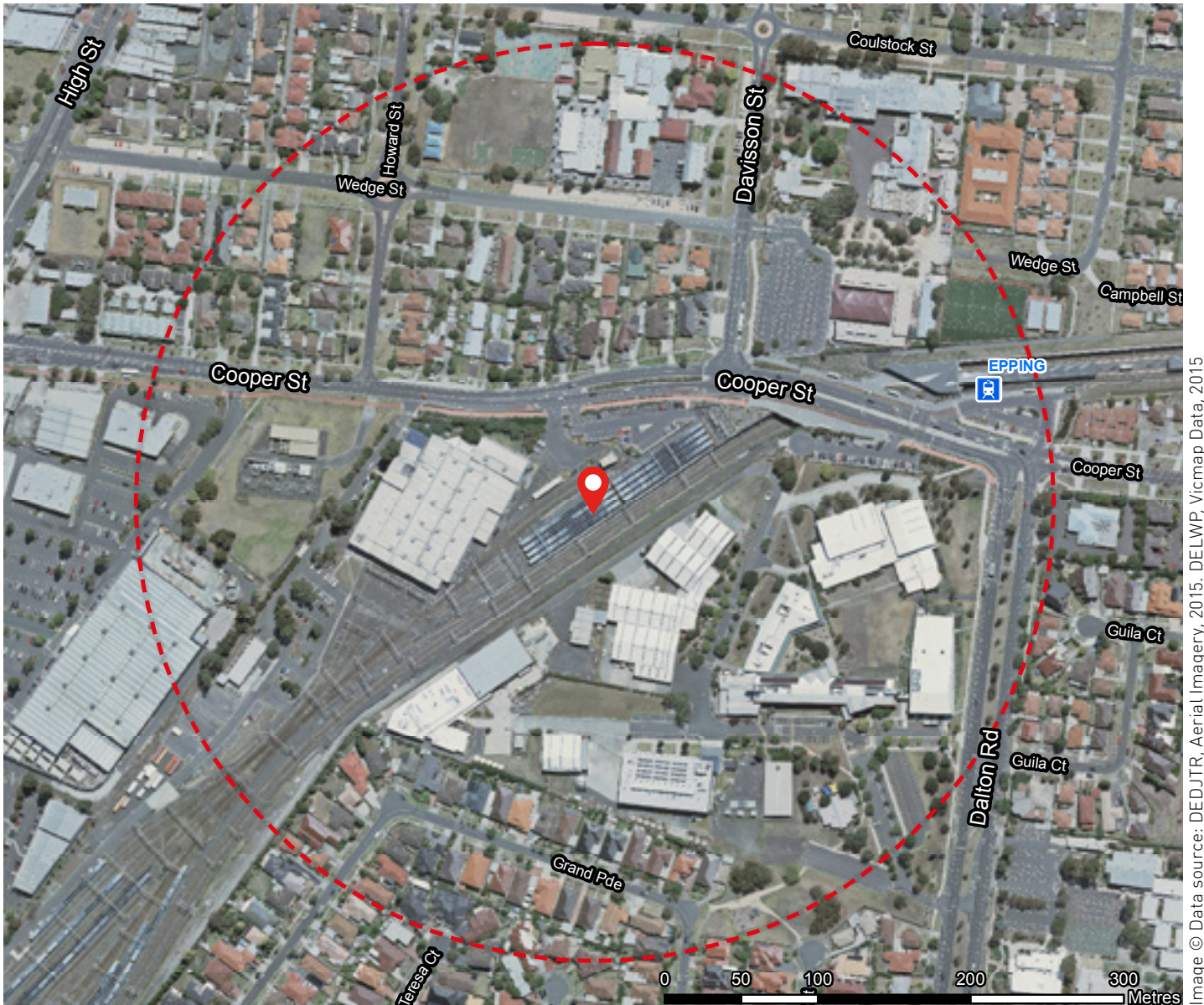
Figure M 10 Platforms



Figure M 11 Bus interchange

Epping Station

Melbourne



Epping Station's redevelopment in 2011 was part of the \$640 million South Morang Rail Extension Project. The new island platform north of Cooper Street was built below ground level.



Figure M 12 View from street



Figure M 13 View from street



Figure M 14 Platform



Figure M 15 Intermodal connections



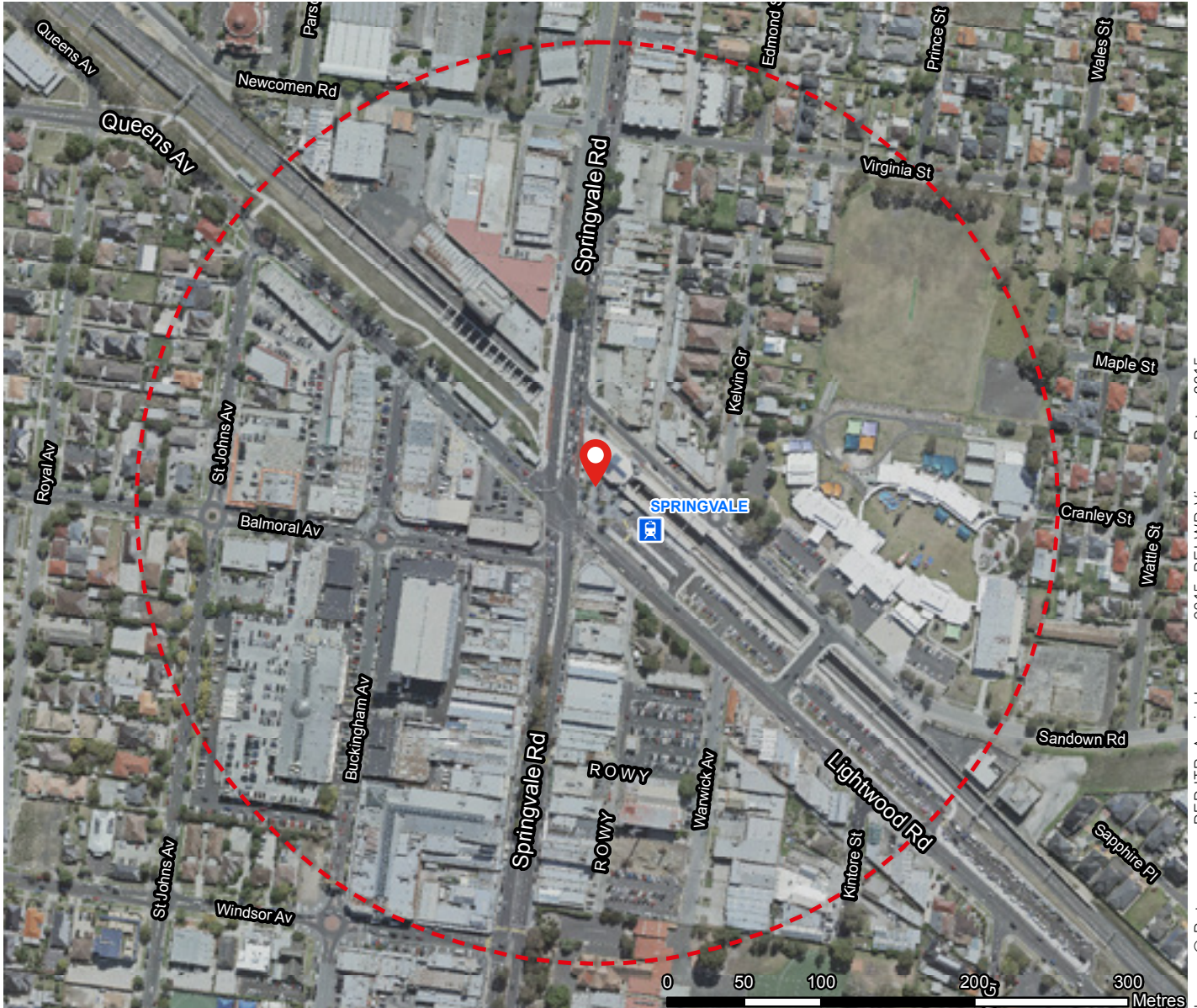
Figure M 16 Car parking



Figure M 17 Street level

Springvale Station

Melbourne



Springvale Station was rebuilt below street level in 2014, eliminating the Springvale Road level crossing immediately north of the station.



Figure M 18 Street level model



Figure M 19 Street frontage



Figure M 20 Platform



Figure M 21 View from the street



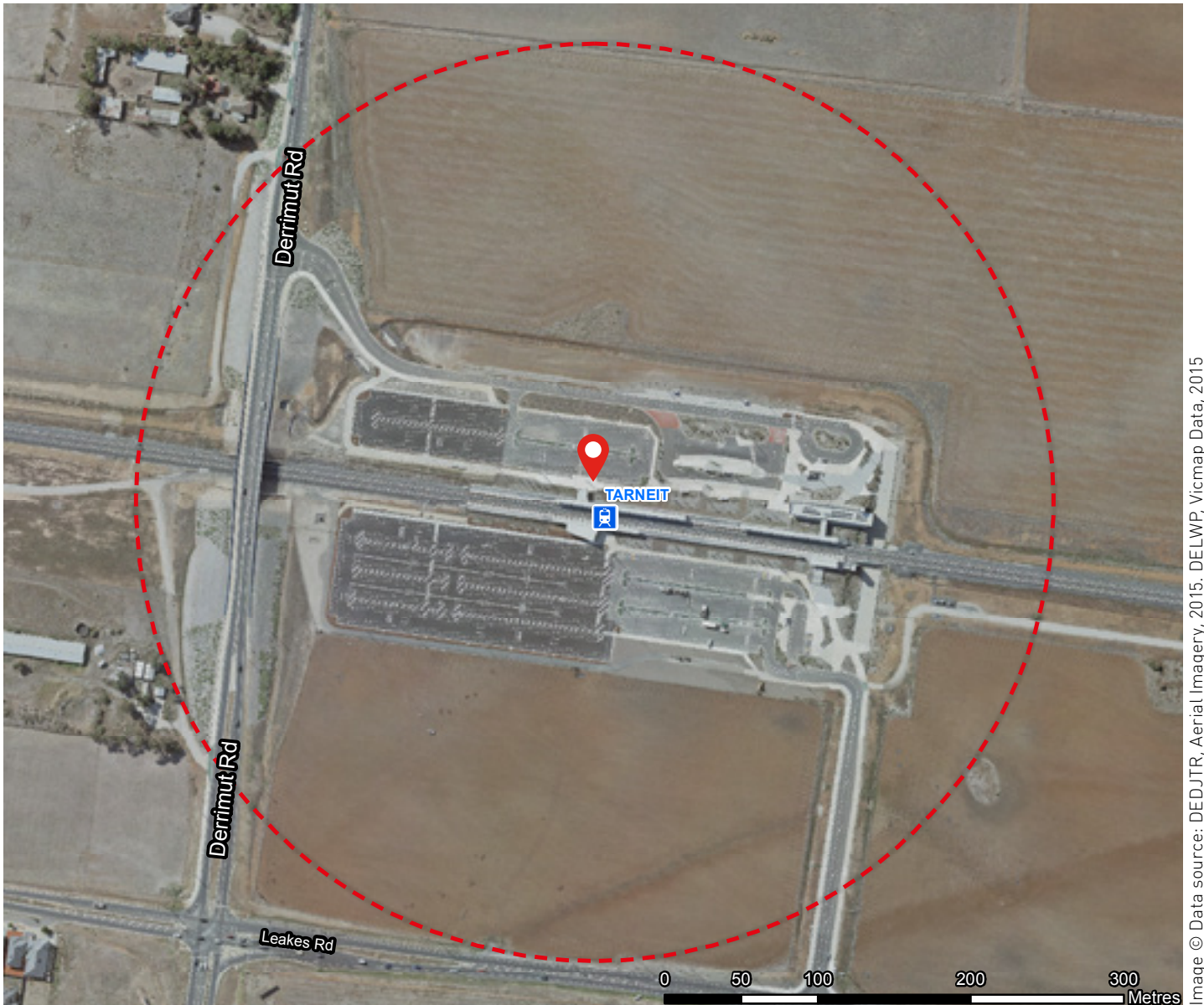
Figure M 22 Bus stop and station



Figure M 23 Pedestrian underpass

Tarneit Station

Melbourne



Tarneit Station was built as part of the Regional Rail Link project and opened in June 2015.



Figure M 24 Platform



Figure M 25 Tarneit Road grade separation



Figure M 26 Tarneit Road grade separation



Figure M 27 Platform



Figure M 28 Street level

Anderson Road North

Melbourne

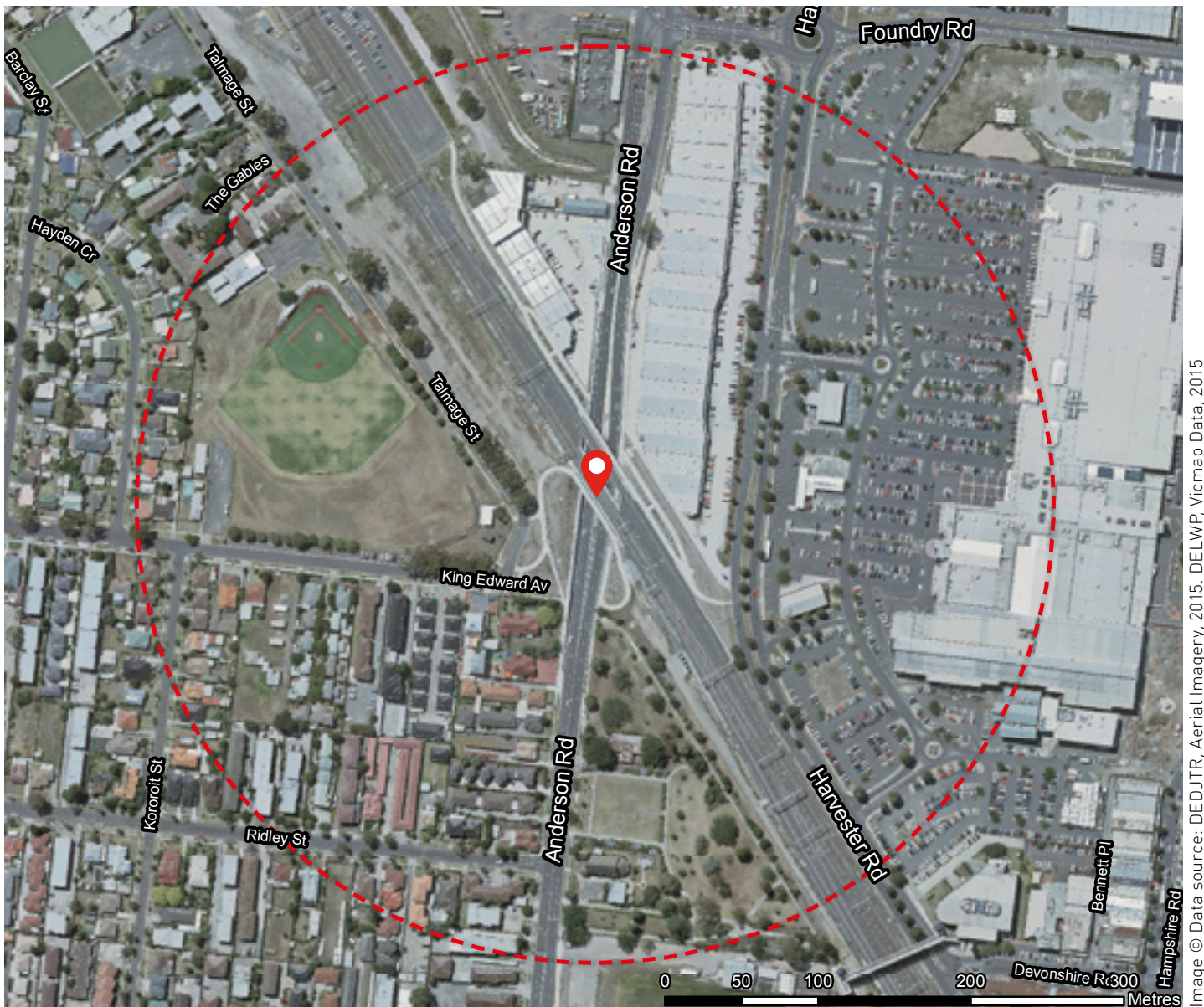


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As part of the Regional Rail Link project, the Anderson Road level crossing (near King Edward Avenue and HV McKay Gardens in Sunshine, on the Bendigo, Sunbury and freight lines) was replaced by a road underpass in 2014.



Figure M 29 Anderson Road north underpass



Figure M 30 Aerial view of Anderson Road north underpass



Figure M 31 Anderson Road north underpass

Balaclava Station

Melbourne

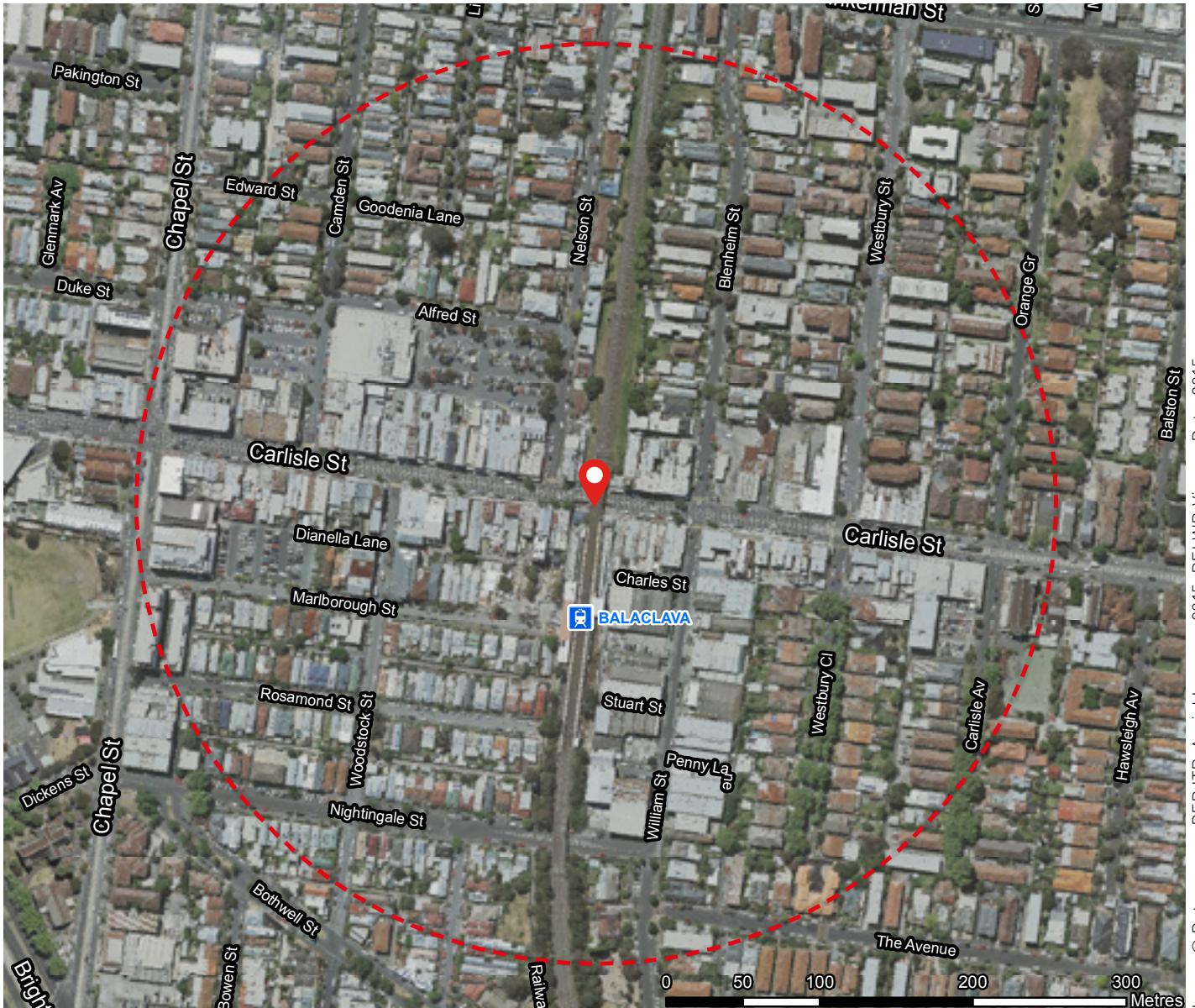


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Balaclava Station is an elevated station located above the Carlisle Street rail overpass. The station was redeveloped and upgraded to a premium station in October 2014, however the rail overpass was not altered at that time.



Figure M 32 Grade Separation at Carlisle St



Figure M 33 Grade Separation at Carlisle St



Figure M 34 View from the street



Figure M 35 Under the viaduct

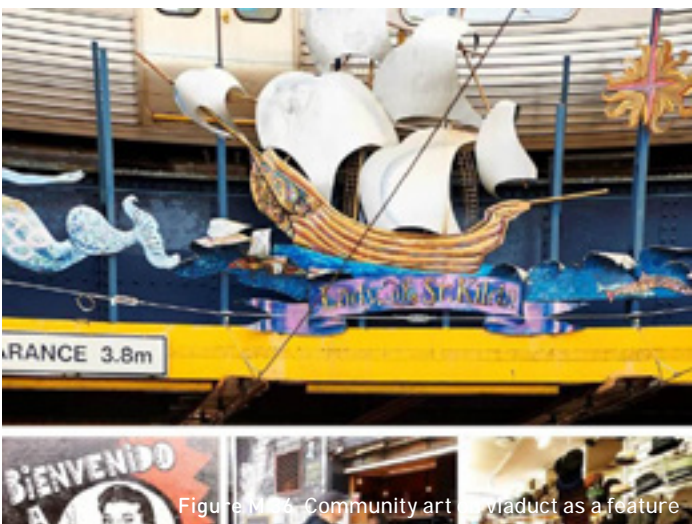


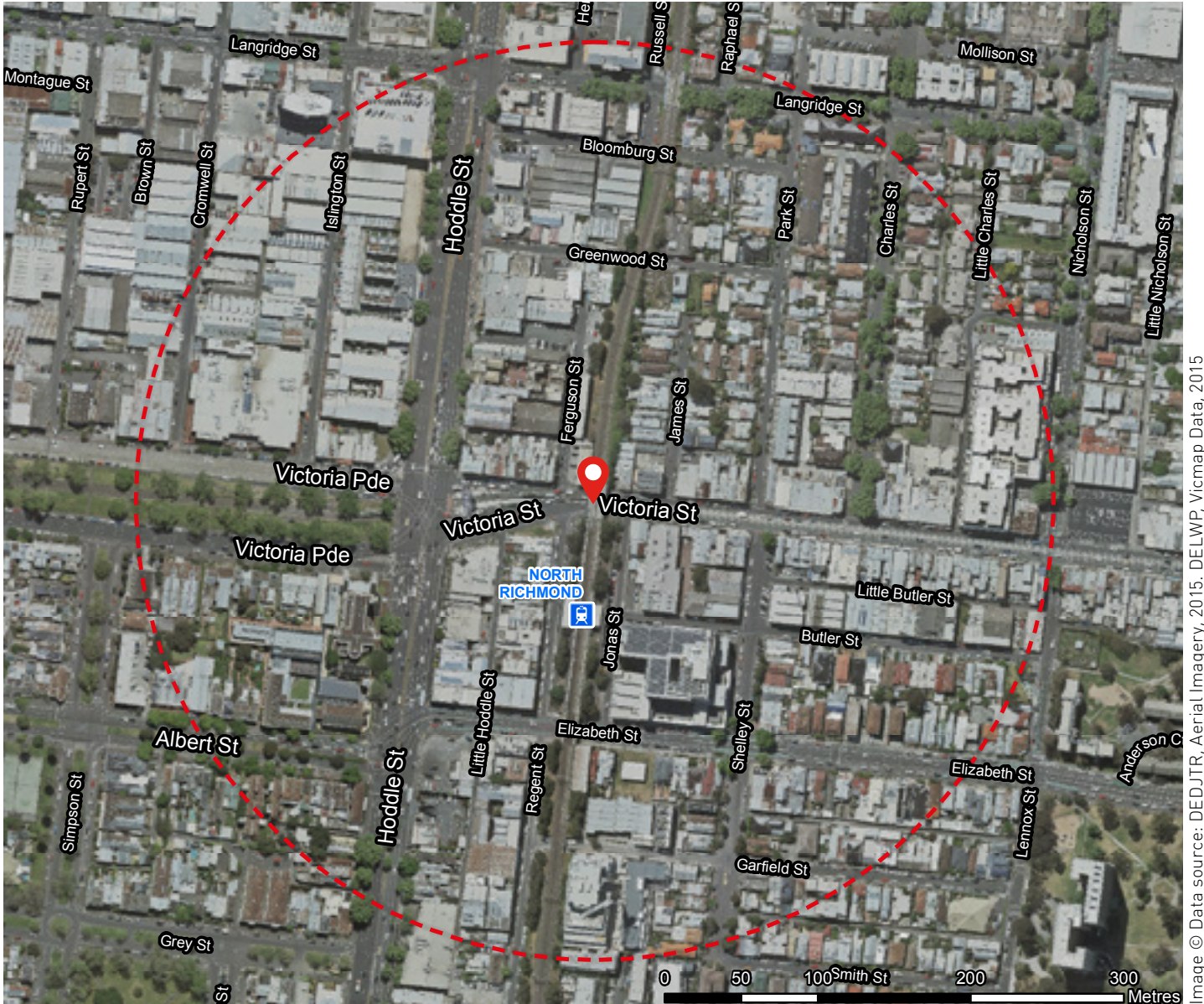
Figure M 36 Community art - viaduct as a feature



Figure M 37 Grade Separation at Carlisle St

North Richmond Station

Melbourne



The elevated railway was built in 1901 over Victoria Street, Melbourne. Underneath the bridge on Victoria Street, trams, buses, pedestrians and road traffic travel freely without stopping for trains.

The bridge acts as a gateway to the Victoria Street area with public art tiger motifs. The vegetation on the embankment provides buffer planting through the urban setting.



Figure M 38 Victoria Street Richmond railway bridge



Figure M 39 Under Victoria Street Richmond railway bridge



Figure M 40 North Richmond Station



Figure M 41 Victoria Street Gateway looking west



Figure M 42 Victoria Street Gateway

Glenferrie Station

Melbourne

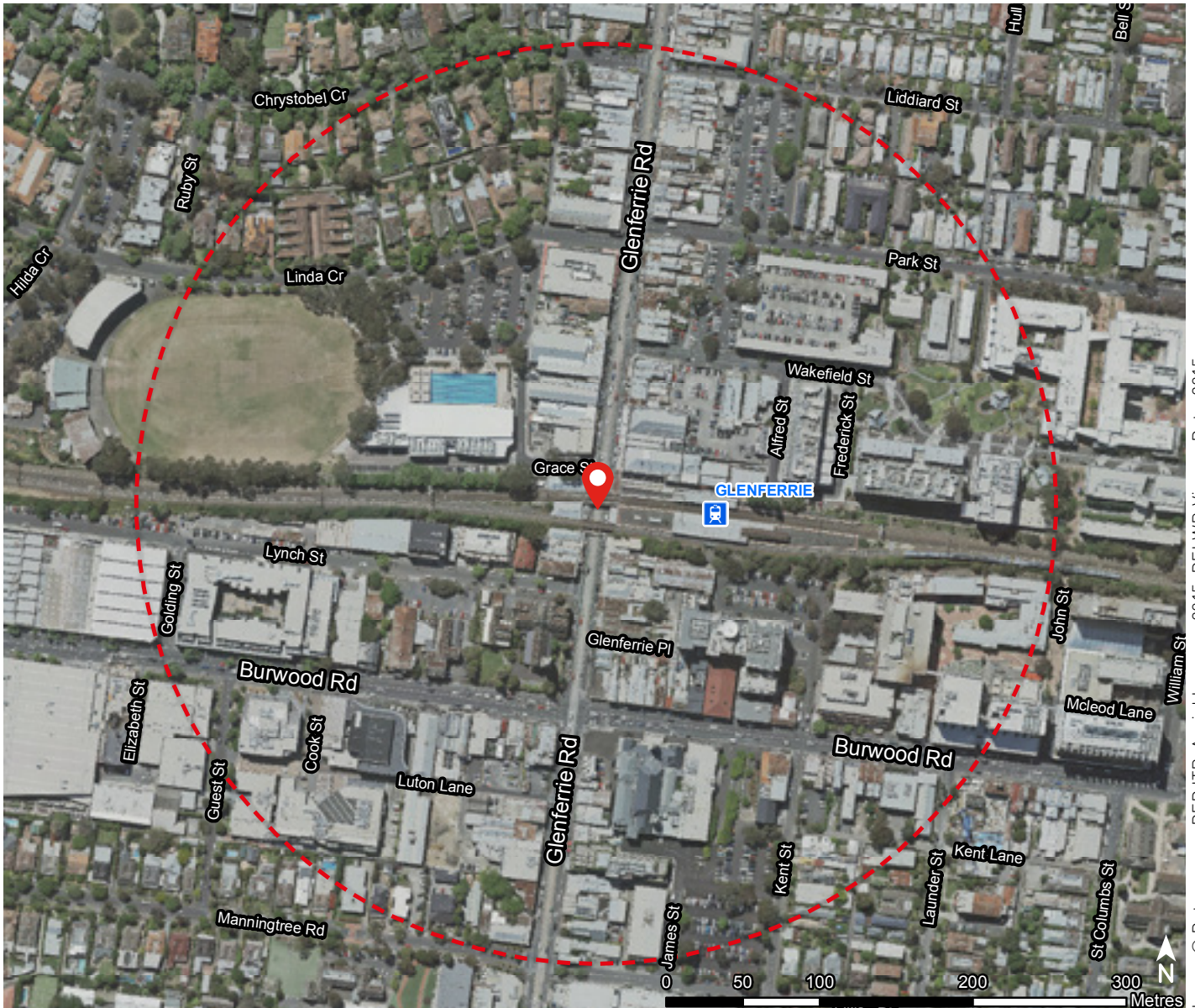


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Glenferrie Station in Melbourne is listed on the Victorian Heritage Register (H1671). The railway line was originally raised over Glenferrie Road in 1916.

This is an elevated rail-over-road project. The two rail bridges are split to allow air, light and rain between the bridges to the pedestrians, traders and road users below.



Figure M 43 Glenferrie Road

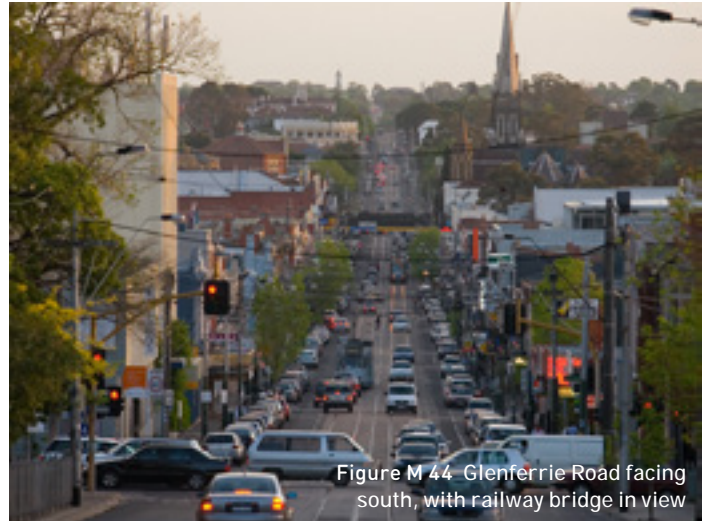


Figure M 44 Glenferrie Road facing south, with railway bridge in view



Figure M 45 Glenferrie Road below Glenferrie Station



Figure M 46 Glenferrie Festival



Figure M 47 Shops between the rail bridges



Figure M 48 Platforms