7 January 2025 221973

Roberts Co
Level 9, 60 Castlereagh Street
Sydney NSW 2000

Attention: Nicky Choi

Cumberland Cluster Schools (SSD-43065987)

Bus Link Road - Design Modification

Dear Nicky,

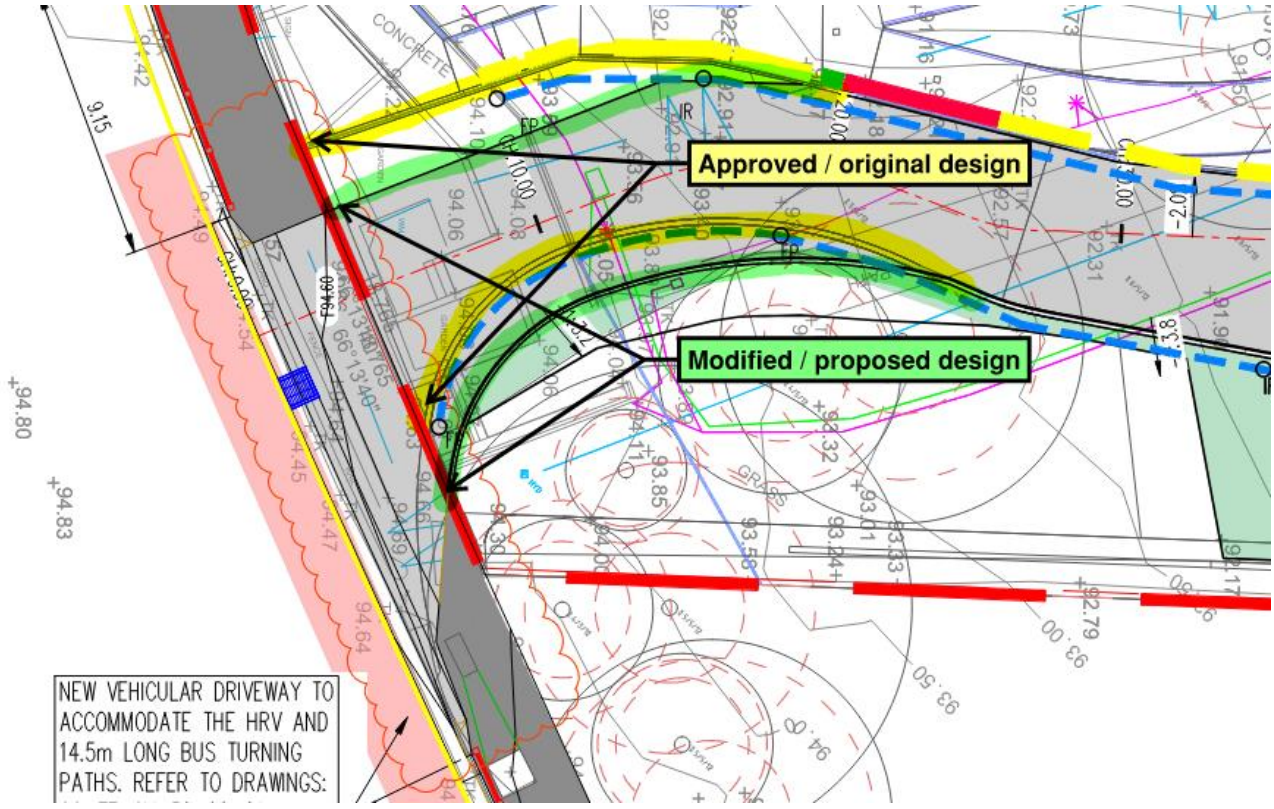
This letter is to address the proposed adjustment to the design of the Bus Link Road exit at Pennant Hills Road.

Approved Works

The approved SSD works include a one-way Bus Link Road connecting from Dunmore Avenue to Pennant Hills Road. The link is only approved for use by buses. The exit point at Pennant Hills Road shall be left-out only and unsignalised.

Proposed Design Amendment

As part of ongoing design development, it is proposed to realign the exit driveway approximately 2m to the east, as illustrated in the figure below (marked up extract from civil engineering plans):



Traffic Assessment

As the driveway is a left-out exit only, the proposed change results in the driveway moving downstream from oncoming traffic. Buses exiting the site will have marginally improved visibility compared to the original design, although at this scale the differences are negligible.

The revised design will reduce the severity of the S-bend for buses as they move from the bus stops towards the exit driveway, providing an improved user/driver experience and marginal improvements to manoeuvring.

The revised design for the driveway is based on swept paths for a 14.5m Long Rigid Bus being able to turn out of the site without utilising the right-turn lane into Tintern Avenue, which is consistent with the approved design.

Buses exiting the site will be further from the signalised pedestrian crossing, however as buses will be turning in the opposite direction with no conflicting pedestrian/vehicle flows, this element is neither worsened nor improved.

The width of the driveway, and therefore the overlapping zone for vehicle and pedestrian activity, is not affected by the proposed design change (but is simply relocated).

The proposed design change does not result in any other change to capacity, function, or operation of the Bus Link Road within the site, or its entry connection at Dunmore Avenue.

Overall, the proposed design adjustment presents a marginal (though negligible) improvement to road safety and operation relative to the approved design.

Should you require anything further please contact the undersigned.

Yours faithfully,
TTW (NSW) PTY LTD

MICHAEL BABBAGE
Associate

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