



Reference: 17.069I01v02

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20 September 2018

Tanner Kibble Denton Architects Pty Ltd
Level 7, 19 Foster Street
Surry Hills 2010

Attention: Anna Harris

**Re: Curl Curl North Public School
Playfair Road Children's Crossing and Pick Up/Drop Off parking**

Dear Anna,

We refer to the comments received from the Department of Planning and Environment ("DPE") dated 14 September 2018, Traffix response to these comments is provided below.

Background

Traffix assessed the traffic and transport impacts of the proposed Curl Curl North Public School in 2017/2018. As part of this assessment the existing conditions on Playfair Road were noted as a local road which runs in a north-south direction between Pitt Road to the north and Abbott Road to the south. Playfair Road has a carriageway width of 10.4 metres, carrying a single lane of traffic in both direction and permits unrestricted parallel kerbside parking on both sides with the exception of 'bus zone', 'no parking' restrictions and 'no stopping' restrictions associated with the 'Children's Crossing' (north of Lillie Street) applying during school peak times (8.30am-9.30am; 3pm-4pm) on school days.

Playfair Road is also subjected to a '40km/h High Pedestrian Activity' posted speed limit between junction of Pitt Road and Abbott Road, this is compounded with '40km/h 8:00-9:30am and 2:30-4:00pm School Zone' speed restriction signage and line-marking applying on school days.

Playfair Road currently accommodates pedestrian access via three (3) school entrances on Playfair Road, special school bus services/zones, pick-up/drop-off facilities and vehicular access to the existing on-site car parking and waste servicing areas. The school bus zones and pick-up/drop-off facility (restrictions) will be retained / extended as per proposed upgrade to the school.

Further to this the school's current pick-up/drop-off arrangement is on Playfair Road, with a combined 44.4 metres of 'No Parking 8:30am – 9:30am School Days' restrictions equivalent to 8 spaces (taking 5.5m car length) adjacent the school, on the eastern side of Playfair Road between the existing 'children's crossing' and junction of Abbott Road/ Playfair Road. Reference should be made to Attachment 1 for the existing signage plan containing existing parking restrictions surrounding the school on Playfair Road and Abbott Road as observed in March 2017.



Traffix have been commissioned by the Department of Education in the past, to complete Traffic Impact Assessments on over five (5) primary schools across Sydney. In our experience it is considered that the satisfactory operational rate for pick-up and drop-off parking is one (1) space per 30 children. Therefore, with an anticipated increase in student population of 80, it is considered that an additional three (3) on-street pick up and drop off spaces would be sufficient to manage the influx of private vehicles in peak periods. It is worth noting that this rate is more conservative, given that there are only eight (8) pick-up and drop-off spaces provided on Playfair Road that currently facilitates drop-off and pick-up for up to 920 students (current student population).

As part of this assessment consideration was given to Playfair Road. The Traffix report reference 17.069r03v05 dated 29/05/2018 recommended the removal of the Children's Crossing and replacing this area on the eastern side of Playfair Road with additional on-street pick-up and drop off spaces. Subsequent to this recommendation, it was determined by the school that they wish to retain the crossing. This report documents the required changes to improve the current crossing and meet standards.

A revised signs plan for the proposed retention of the Children's Crossing (this is not what was originally assessed in 2017, however, advice was that removal was based on the current crossing not meeting standards). If the crossing is to be improved to be up to standard based on RMS TDT 2002/12c Stopping and Parking Restrictions at Intersections and Crossings then this is able to be retained. The noncompliance related to the missing Children Crossing sign – W6-3 and W8-22 - 30 metres from the crossing in both directions. This revised signs and lines plan did not include a reduced drop-off and pick up parking space availability from 20 spaces to 12 spaces.

Upon revising the number of pick up and drop off spaces, a further revised and a signs and lines plan was developed, taking into consideration this reduction in originally proposed pick up and drop off spaces was developed. This is provided in Attachment 2.

The outcome was a reduction of availability to provide an additional 4 drop off bays, not 12 as per previous version and retaining the crossing. Also, the pedestrian entrance for the revised design was moved to the south, however, the children's crossing is required to be retained at the same location to meet distances from the intersection of Lillie Street / Playfair Road.

Therefore the reduction of drop off and pick up spaces from a total of 20 spaces to 12 spaces does not impact the proposed increase in student population of 80 students, with 4 additional spaces to provide for the existing student population, which currently has 8 spaces available and additional student population, with an additional 4 spaces.

Further to this, between the two assessments, two site visits were undertaken by Traffix staff. At the first site visit undertaken in March 2017 the two "Children's Crossing" W6-3 and W8-22 signs were not observed to be present on Playfair Road and not included in the existing signs and lines plans provided in Attachment 1. A subsequent site visit in September 2018 and images from Google maps from December 2017 show that the Children's Crossing signs W6-3 and W8-22 have been installed on the west of Playfair Road facing south, covered by a tree and the east of Playfair road facing north. These are shown in Figure 1 and Figure 2.



Source: Google Maps, accessed September 2018

Figure 1 - Children's Crossing signage on Playfair Road facing north



Source: Google Maps, accessed September 2018

Figure 2 - Children's Crossing signage on Playfair Road facing south



Summary

The Traffix report in May 2018 recommended the removal of the Children's' Crossing and replacing this area on the eastern side of Playfair Road with additional on-street pick-up and drop off spaces. Subsequent to this recommendation, it was determined by the school that they wish to retain the Children's Crossing.

A review by Traffix in September 2018 demonstrated that changes made since March 2017 that the Children's Crossing is satisfactory to meet RMS TDT 2002/12c Stopping and Parking Restrictions at Intersections and Crossings with the provision of the Children's Crossing signage W6-3 and W8-22. The north facing sign should be re-assessed by Council should the tree still be blocking the visibility of the sign and remedied as part of the works for the school development.

Further to this, the existing and future additional population of the school will adequately be able to be catered for with the four additional drop-off and pick up bays to be provided in conjunction with retaining the existing Children's Crossing.

Any further questions in regards to this letter, please contact the undersigned.

Yours faithfully,

Traffix



Matthew Thompson
Senior Transport Planner

Attachment(s):

- (1) Existing Signs and Lines Plan as at March 2017
- (2) Proposed Signs and Lines Plan as at September 2017



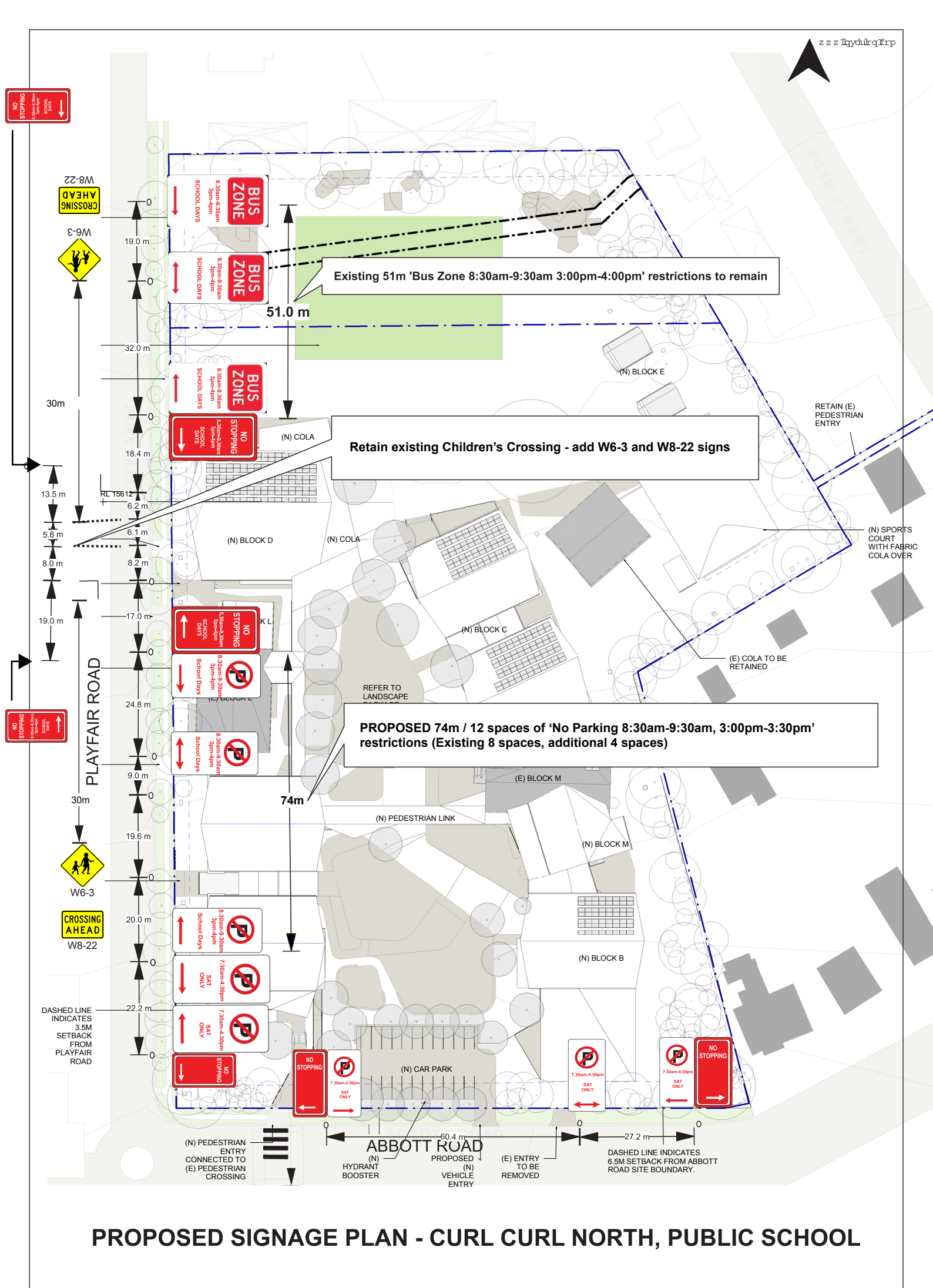
Attachment 1

Existing Signs and Lines Plans as at March 2017



Attachment 2

Proposed Signs and Lines Plans as at September 2018



PROPOSED SIGNAGE PLAN - CURL CURL NORTH, PUBLIC SCHOOL