

ATTACHMENT B

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**SYDNEY TRAFFIC COMMITTEE MINUTES
OF 21 APRIL 2010 – ITEM 42**

**ITEM 42 OTHER BUSINESS - B-DOUBLE ROUTE - BOURKE ROAD ALEXANDRIA
(S075840 (2010/046763))**

RECOMMENDATION

It is recommended that the Committee raise no objection to:

- (A) The operation of 25-metre B-Double truck route to access No 90-96 Bourke Road, Alexandria subject to the following conditions:
- (1) Access to the site shall be via Gardeners Road, Bourke Road and a driveway on the southern side of Collins Street about 75 metres east of Bourke Road.
 - (2) Egress from the site shall be via Bourke Road to Gardeners Road.
 - (3) That arrival and departure of B-Double trucks to and from the premises shall be restricted to the hours of 10am to 3pm Mondays to Fridays, with a maximum of one load per week and the maximum GVM must not exceed 37 tonnes as stated by the applicant.
 - (4) That within the terminal there is sufficient space for manoeuvring of the 25-metre B-Double vehicle and to allow it to enter and exit the premises in a forward direction at all times.
 - (5) That all loading and unloading operations shall occur within the premises at all times and the vehicles shall not stand on the public street at any time.
- (B) The removal of the existing 23-metre B-Double route along Collins Street and William Street, Alexandria, from O’Riordan Street to Beaconsfield Street.

DECISION

The recommendation was carried unanimously by the Committee which noted the STA’s concerns about previous bus stops changes on Bourke Road not been agreed to by the STA .

BACKGROUND

The City on 29 March 2009 gave approval (D/2008/682) to an integrated development for 90-96 Bourke Road. It comprises a basement car park for 250 vehicles with retailing and warehouse units. Development consent Condition (41), requires the developer to make an application to operate a B-Double longer than 23 metres.

Bourke Road, between Gardeners Road and Doody Street, Alexandria is an approved B-Double route for 25-metre B-Double trucks, but is approved as a 23-metre B-double route between Doody Street to the public weighbridge at Perry Park just north of Maddox Street.

Collins Street between Bourke Road and William Street, and William Street between Collins Street and Beaconsfield Street is an approved 23-metre B-Double route for Kwikasair vehicles to access its Beaconsfield Street depot

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COMMENTS

The City has received an application for approval to operate 25-metre B-Double trucks to the above property from Gardeners Road to Bourke Road, entering the property via Collins Street and exiting left only into Bourke Road. Construction on the approved development has not yet commenced.

The existing 23-metre B-Double truck route along Collins Street and William Street from O'Riordan Street to Beaconsfield Street can be removed because the Kwikasair Depot has ceased to operate in Beaconsfield Street. Land on both sides of Beaconsfield Street and William Street has been re-zoned to mixed use which is not anticipated to be served by B-Doubles trucks.

Bourke Road is a local road except the section between Huntley Street and Collins Street which is a regional road. Bourke Road is a 2-lane and 2-way road with parking allowed on both sides of the street. The newly constructed two-way separated cycleway has removed the parking lane along the western side of the street from Gardeners Road to Green Square. The speed cushions along Bourke Road reduce the 85% speed of vehicles from 58.5km/h (2006 traffic survey) to 46km/h (2010 traffic survey) which is below the 50km/h legal speed limit.

The volume of traffic using Bourke Road is more than 10,000 vehicles per day which the RTA requires a desirable lane width of 3.25 metres for the B-Double route. The southbound lane is wider to provide safe left turn movements for drivers exiting driveways on the eastern side of the road.

There are five bus zones on the western side of Bourke Road that were adjusted to accommodate the separated cycleway and as a result, the traffic lane narrows near the bus stops. The minimum lane width at the narrow points is 3.1 metres for northbound traffic and 3.7 metres for southbound traffic.

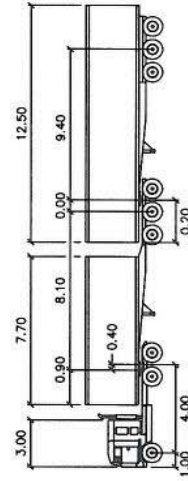
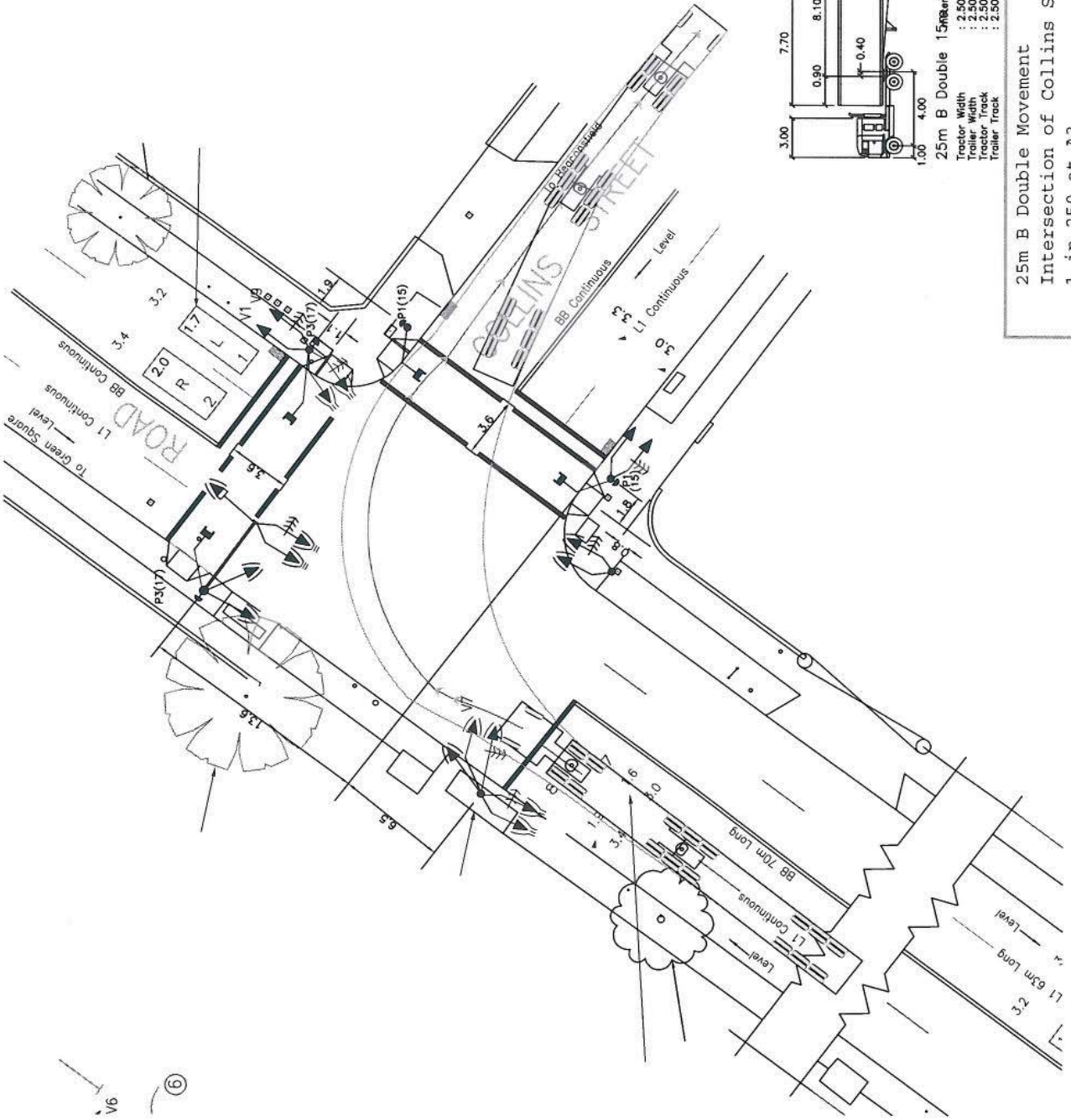
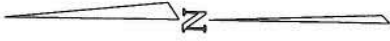
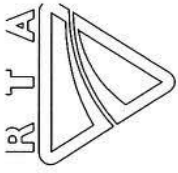
Bourke Road is used by approximately 60 B-double trucks from Gardeners Road to Collins Street. The 3.1 metre lane width at the isolated narrow points is acceptable at because it is unlikely that B-Double trucks travelling in opposite directions will meet at a narrow points while a STA bus is stopped at the bus zone (see attachment).

The City has engaged an independent consultant to carry out a Road Safety Audit prior to the opening of the cycleway. The audit report did not raise any issues on the operation of B-Double travelling along Bourke Road.

It is appropriate for 90-96 Bourke Rd to operate a 25-metre B-Double to its site via Gardeners Road, Bourke Road and Collins Street because of the low frequency (one load per week and low GVM (maximum 37 tonnes). However, the City considers it is appropriate to maintain the size of the B-Double to 23 metres between Collins Street and the public weighbridge at Perry Park (just north of Maddox Street) until there is an application for it to be upgraded.

ATTACHMENTS

Other Business - Bourke Road Alexandria - B-Double Route
Kim Yu, Area Design Engineer

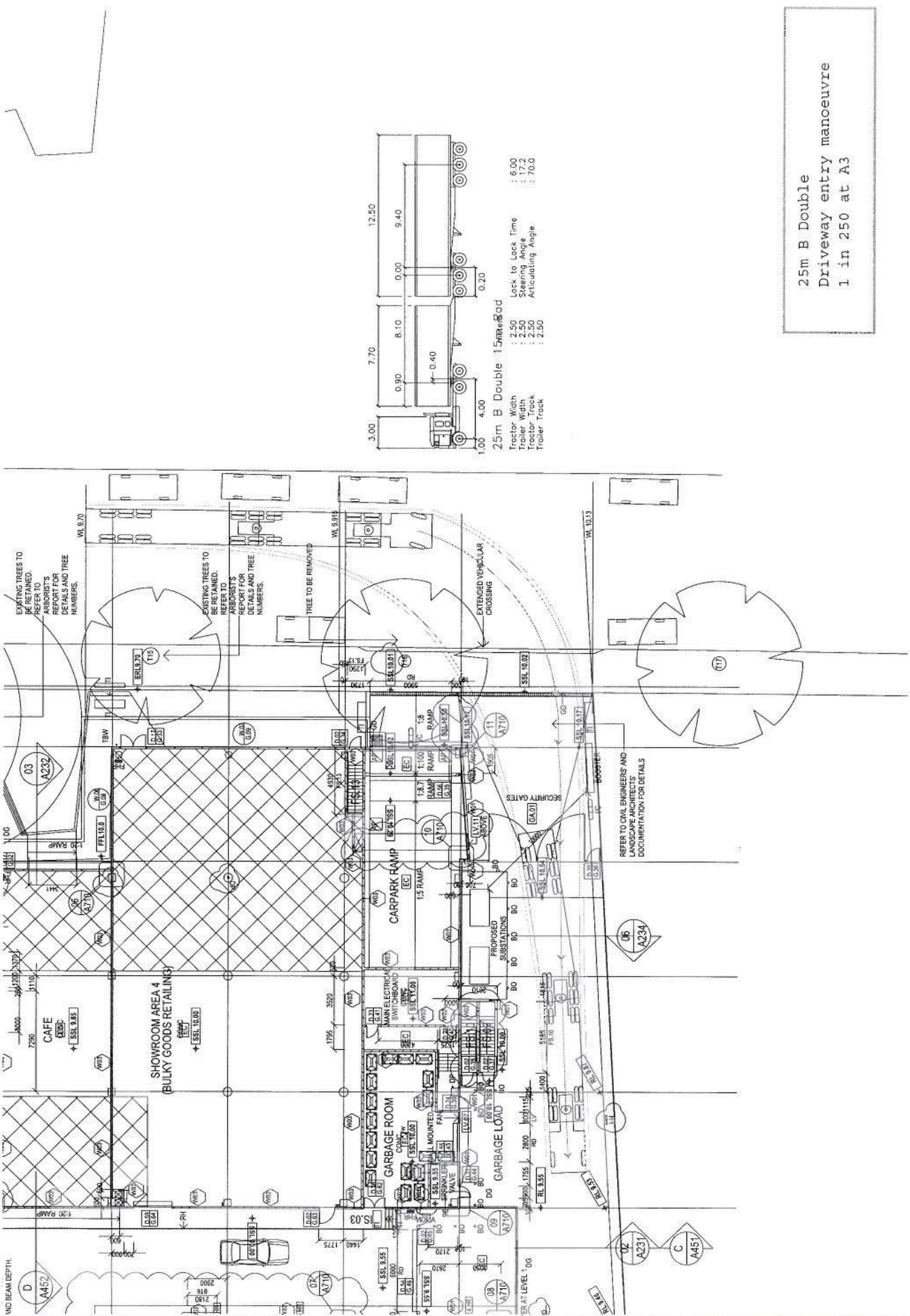


25m B Double 15mrigidod	
Tractor Width	: 2.50
Tractor Length	: 2.50
Tractor Track	: 2.50
Trailer Track	: 2.50
Lock to Lock Time	: 6.00
Steering Angle	: 17.2
Articulating Angle	: 70.0

25m B Double Movement
 Intersection of Collins Street with Bourke Road
 I in 250 at A3

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ATTACHMENT B



25m B Double Driveway entry manoeuvre
1 in 250 at A3

March 2010 Data										
Location	Direction	5-day ADT	am Peak	pm Peak	7- day ADT	85% speed	Class 3 +	Class 10 +		
Outside 34-42 Bourke Road (220m south of Wyhndam St)	Combined	10580	884.4	889.7	9338.2	52.2	1124.86	26.14		
Outside 70 Bourke Road (130m south of Bowden St)	Combined	10698	830	880	9398.7	47.5	1156.86	34.71		
Between Collins St and Huntley St	NB	8794	787.9	665.7	7799.4	45.4	965.29	24.14		
	SB	9266.3	739.4	806	8246.9	45	1002.86	29.71		
	Combined	18060	1527.3	1471.7	16046.3	45.2	984.075	26.925		
Outside 102-106 Bourke Road @ bus pad (145m south of Huntley	Combined	13406	1168.9	1059	11887.6	44.3	1351	65.71		
Outside 118-124 Bourke Road (160m north of Doody St)	Combined	13344	1133	1063.9	11831.1	46.8	1474.43	68.14		
Outside 138-188 Bourke Road (120m south of Doody St)	Combined	12194	1022.4	967.1	10824.1	45.7	1363.29	79.43		
230m north of Gardeners Road	Combined	12141	948.7	937.7	11003.5	43.2	1146.29	85.71		
Total Average Daily Volume		12917	1074	1038	11476	46	1229	55		
Total Daily Average B-Double Traffic	between Gardeners Road and Collins Street							60		

Traffic Counts for Bourke Road, Alexandria											
April 2006 Data											
Section	From	to	5-day ADT	am Peak	pm Peak	7-day ADT	am Peak	pm Peak	85% speed	CI:ass 10+	
1 - SB	Green SQ	Bowden St	6484	605	553	5663	505	484	53 km/h	30	
1 - NB	Bowden St	Green SQ	6453	520	543	5629	435	453	55.4 km/h	25	
Combined	Green SQ	Bowden St	12937	1125	1096	11292	940	937	54km/h	27	
2 - SB	Bowden St	Maddox St	6874	531	639	6004	448	554	60.5km/h	36	
2 - NB	Maddox St	Bowden St	6811	526	525	5924	441	467	61km/h	30	
Combined	Bowden St	Maddox St	13685	1057	1164	11928	889	1021	61km/h	33	
3 - SB	Maddox St	Huntley St	8554	828	698	7525	690	616	57km/h	59	
3 - NB	Huntley St	Maddox St	7811	566	687	6861	490	578	60km/h	51	
Combined	Maddox St	Huntley St	16365	1394	1385	14386	1180	1194	58.5km/h	55	
4 - SB	Huntley St	Doody St	7825	789	594	6933	660	542	64km/h	66	
4 - NB	Doody St	Huntley St	9238	631	1028	8013	544	854	60km/h	90	
Combined	Huntley St	Doody St	17063	1420	1622	14946	1204	1396	62km/h	78	
5 - SB	Doody St	Gardeners Rd	6772	528	567	6054	457	512	57km/h	59	
5 - NB	Gardeners Rd	Doody St	7300	569	709	6703	480	598	57km/h	115	
Combined	Doody St	Gardeners Rd	14072	1097	1276	12757	937	1110	57km/h	87	
Total Average Daily Volume			14824	1219	1309	13062	1030	1132	58.5km/h	56	

