

City of Ryde

TRAFFIC COMMITTEE

AGENDA

THURSDAY, 4 February 2010

Part 1 of 2



RYDE TRAFFIC COMMITTEE

01 / 10

CONTENTS

ITEM 1	1
WARWICK STREET, NORTH RYDE (INTERIM REPORT)	
Traffic and Parking Congestion	
File No: D09/67731	
ITEM 2	4
LANCASTER AVENUE / CROWLEY CRESCENT, MELROSE PARK	
On-street Parking Restrictions	
File No: D10/5589	
ITEM 3	6
DARVALL ROAD AND TRAMWAY STREET, WEST RYDE	
Proposed Roundabout	
File No: COR2009/206	

ITEM 1

**WARWICK STREET, NORTH RYDE (INTERIM REPORT)
Traffic and Parking Congestion**

File No: D09/67731

Council's Senior Traffic Engineer – reports 15 January 2010

Report

To provide Council with an update, confirming support or otherwise, for traffic management measures to be considered for Warwick Street that deals with parking or traffic volumes as the main issue for further investigation.

Background

Council at its meeting on the 17 November 2009 resolved to adopt the following recommendation in respect of the report titled "Warwick Street, North Ryde – Traffic and Parking Congestion", as follows:

That Council undertakes a parking survey in Warwick Street, North Ryde following which a report be presented to a future meeting of the Ryde Traffic Committee.

Consideration

At the time of the reports distribution a parking survey could not be undertaken due to school holidays. However a survey will be undertaken in early February 2010 with the results of the survey distributed to Committee members at the meeting.

Further, Council received further representations from a resident of Warwick Street for traffic management measures to be implemented that reduces the quantum of parking on-street and traffic volumes. However, the implementation of measures to address both parking and traffic flow issues simultaneously is difficult, as both are interrelated. A resident survey (**ATTACHED**) has been sent out to residents (37 properties) to gauge the resident's view on which issue was most prevalent in respect of traffic management options for further development. The results of the survey are summarised in the table below (for the period 23 November 2009 to 16 December 2009):

Description	No of Responses
On-street Parking Conditions to be reviewed	6
Traffic flow to be reviewed	13
Status Quo	2
No Reply	16

The results of the survey support a review of traffic flow along Warwick Street.

RYDE TRAFFIC COMMITTEE

01 / 10

Page 2

Traffic surveys undertaken within the last 4 months are detailed in the table below:

Warwick Street between Blenheim Road and Pittwater Road	September 23 to September 30
7-Day AADT (veh/day)	459
5-Day AADT (veh/day)	587
85% speed (km/hr)	56
Peak hour volume (bi-directional)	
AM (8am – 9am)	289
PM (5pm – 6pm)	26

Warwick Street operates within the desired environmental capacity for a local road of 2000 vehicles per day. Roads within close proximity of a State Road do experience higher volumes especially in peak times. In general measures to mitigate traffic would only be considered if there was an extended duration of high vehicle activity, which does not occur in this case.

RECOMMENDATION:

(a). That Council do not undertake any further actions in respect of traffic management measures for Warwick Street, North Ryde.

Submitted for the consideration of the Committee

Ramesh Desai
Traffic Engineer

Harry Muker
Senior Traffic Engineer

Andrew Cooper
Manager - Access

Kim Woodbury
Group Manager – Public Works

ITEM 2

**LANCASTER AVENUE / CROWLEY CRESCENT, MELROSE PARK
On-street Parking Restrictions**

File No: D10/5589

Council's Senior Traffic Engineer – reports 27 January 2010

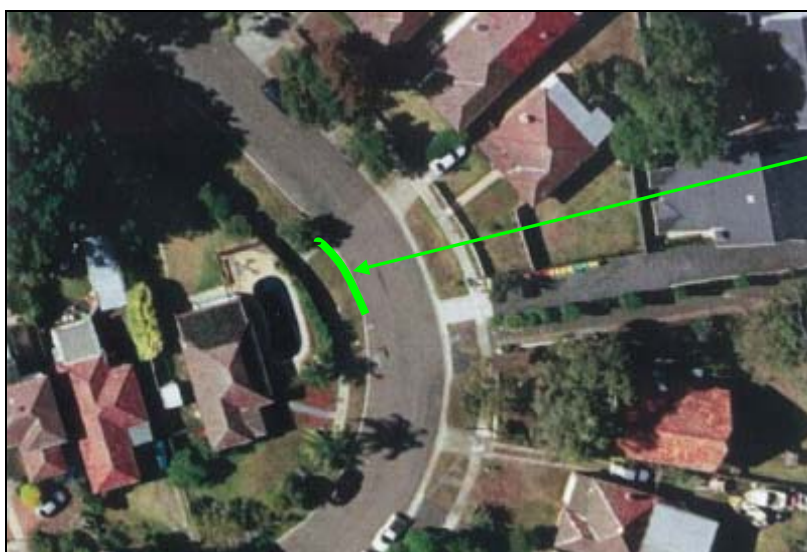
Report

Cr Terry Perram has received representations from a resident of Crowley Crescent for parking restrictions along the inner radius bend of Lancaster Avenue and Crowley Crescent that will assist with allowing two (2) vehicles to pass each other simultaneously.

Consideration

An onsite inspection undertaken by Council staff confirms that the carriageway width along the radius bend varies between 10 and 12 metres. At the “throat” or “northern” most end of the bend the carriageway width (kerb to kerb) is 10 metres. A review of the parking alignment at the bend confirmed that vehicles were generally parked 400mm to 600mm from the face of kerb, thereby reducing the travelling lane width to 5 metres for two-way traffic. It is generally accepted that along a radius bend the lane widths need to be greater due to the horizontal curvature within the roadway. In this particular case to widen the carriageway would be cost prohibitive, rather the installation of appropriate No Stopping restrictions along the inner radius bend would assist with vehicle movements.

It is recommended that No Stopping restrictions for a length of 12 metres (along the inner radius bend) be installed to allow ease of movement for two (2) vehicles to pass each other simultaneously.



No Stopping
restrictions for a length
of 12 metres along the
inner radius bend.

RYDE TRAFFIC COMMITTEE

01 / 10

Page 5

RECOMMENDATION:

That Council approved the installation of No Stopping restrictions in Lancaster Avenue for a length of 12 metres (along the inner radius bend) to allow two (2) vehicles to pass, subject to the concurrence of the adjacent property owner.

Submitted for the consideration of the Committee

Ramesh Desai
Traffic Engineer

Harry Muker
Senior Traffic Engineer

Andrew Cooper
Manager - Access

Kim Woodbury
Group Manager – Public Works

ITEM 3

DARVALL ROAD AND TRAMWAY STREET, WEST RYDE

Proposed Roundabout

File No: COR2009/206

Council's Senior Traffic Engineer – reports 27 January 2010

Report

Council's Annual Capital Works Program for the period 2009/10 has listed for construction under the category "Traffic Facilities Construction (NEW)" a roundabout at the intersection of Darvall Road and Tramway Street, West Ryde.

Consideration

Council's design engineers have prepared a concept plan for review and discussion **(ATTACHED)**. Council officers have undertaken a doorknock on the 20 January 2010 of affected residents **(ATTACHED)** and the results of the survey will be presented to Committee members (in the tabular form show below) at the meeting as the period of response elapses on the 3 February 2010.

Description	No of Responses
Support installation of "Roundabout" along Darvall Road at the Tramway Street intersection	TBC
Status Quo (No change to existing traffic arrangement)	TBC
Undecided	TBC

RECOMMENDATION:

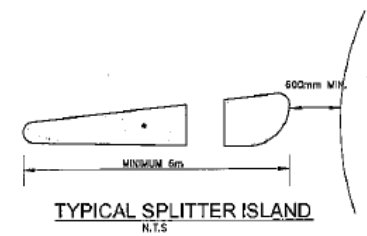
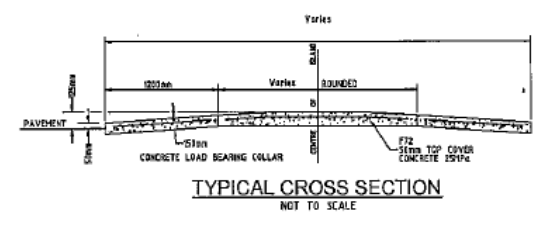
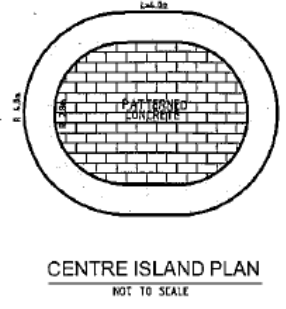
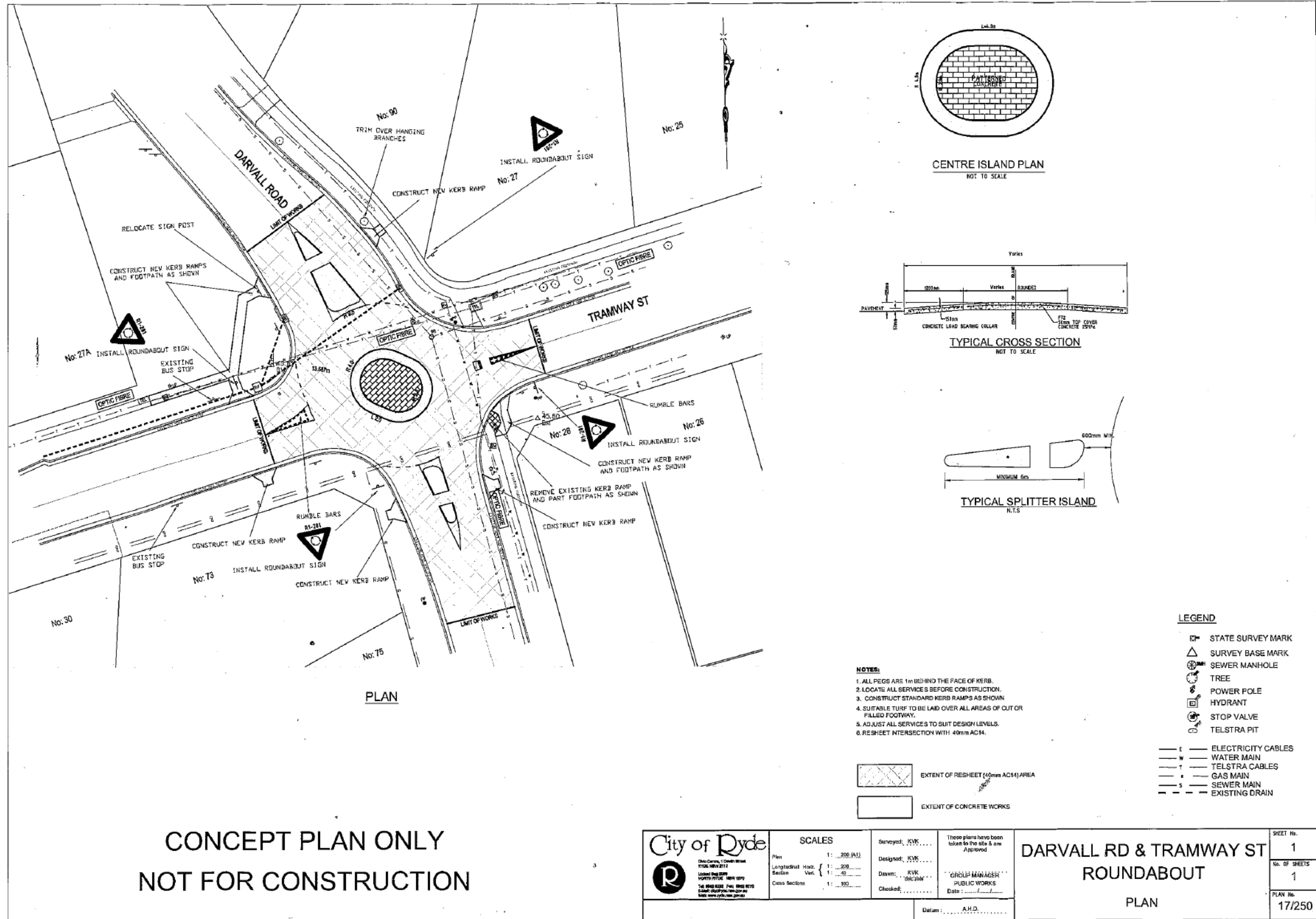
Submitted for the consideration of the Committee

Ramesh Desai
Traffic Engineer

Harry Muker
Senior Traffic Engineer

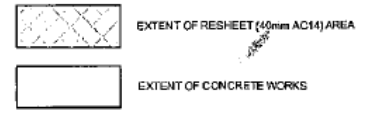
Andrew Cooper
Manager - Access

Kim Woodbury
Group Manager – Public Works



- LEGEND**
- ◻ STATE SURVEY MARK
 - △ SURVEY BASE MARK
 - ⊙ SEWER MANHOLE
 - ⊙ TREE
 - ⊙ POWER POLE
 - ⊙ HYDRANT
 - ⊙ STOP VALVE
 - ⊙ TELSTRA PIT
 - E — ELECTRICITY CABLES
 - W — WATER MAIN
 - T — TELSTRA CABLES
 - G — GAS MAIN
 - S — SEWER MAIN
 - - - EXISTING DRAIN

- NOTES:**
1. ALL PEGS ARE 1m BEHIND THE FACE OF KERB.
 2. LOCATE ALL SERVICES BEFORE CONSTRUCTION.
 3. CONSTRUCT STANDARD KERB RAMP AS SHOWN.
 4. SUITABLE TURF TO BE LAID OVER ALL AREAS OF CUT OR FILLED FOOTWAY.
 5. ADJUST ALL SERVICES TO SUIT DESIGN LEVELS.
 6. RESHEET INTERSECTION WITH 40mm AC14.



**CONCEPT PLAN ONLY
NOT FOR CONSTRUCTION**

<p>City of Ryde <small>Chris Corbett, Mayor 17/06/10 11:51 AM Locked Page 2009 NORTH RYDE NSW 1570 Tel: 9888 8222 Fax: 9888 8270 Email: info@cityofryde.nsw.gov.au Web: www.cityofryde.nsw.gov.au</small></p>	<p>SCALES</p> Plan 1: 1:200 (A1) Longitudinal Horiz. 1: 1:200 Section Vert. 1: 1:40 Cross Section 1: 1:100	Surveyed: KVK Designed: KVK Drawn: KVK Checked: KVK	Those plans have been taken to the site & are Approved "CIVILS MANAGER" PUBLIC WORKS Date:	SHEET No. 1 No. OF SHEETS 1 PLAN No. 17/250
	Darvall Rd & Tramway St Roundabout PLAN			Datum: A.H.D.



Darvall Road and Tramway Street, West Ryde – Proposed “Roundabout”

SURVEY QUESTIONNAIRE

Name:

(print)

Address:

(print)

The ATTACHED concept plan (PTO) shows the proposed location of the “Roundabout” along Darvall Road at the Tramway Street intersection.

Please indicate your preference by ticking the appropriate box below and forwarding to the reply address below, by 3 February 2010.

Please note that you must only tick one (1) box.

1). Support installation of a “Roundabout” along Darvall Road at the Tramway Street intersection;

2). Status Quo (No change to existing traffic arrangement);

3). Undecided;

Comments:

Reply to: City of Ryde
Reply Paid 65204
North Ryde NSW 2113
(reply paid envelope enclosed)

or

By Facsimile: Traffic Section
Fax No: 9952 8110
Email:hmuker@ryde.nsw.gov.au