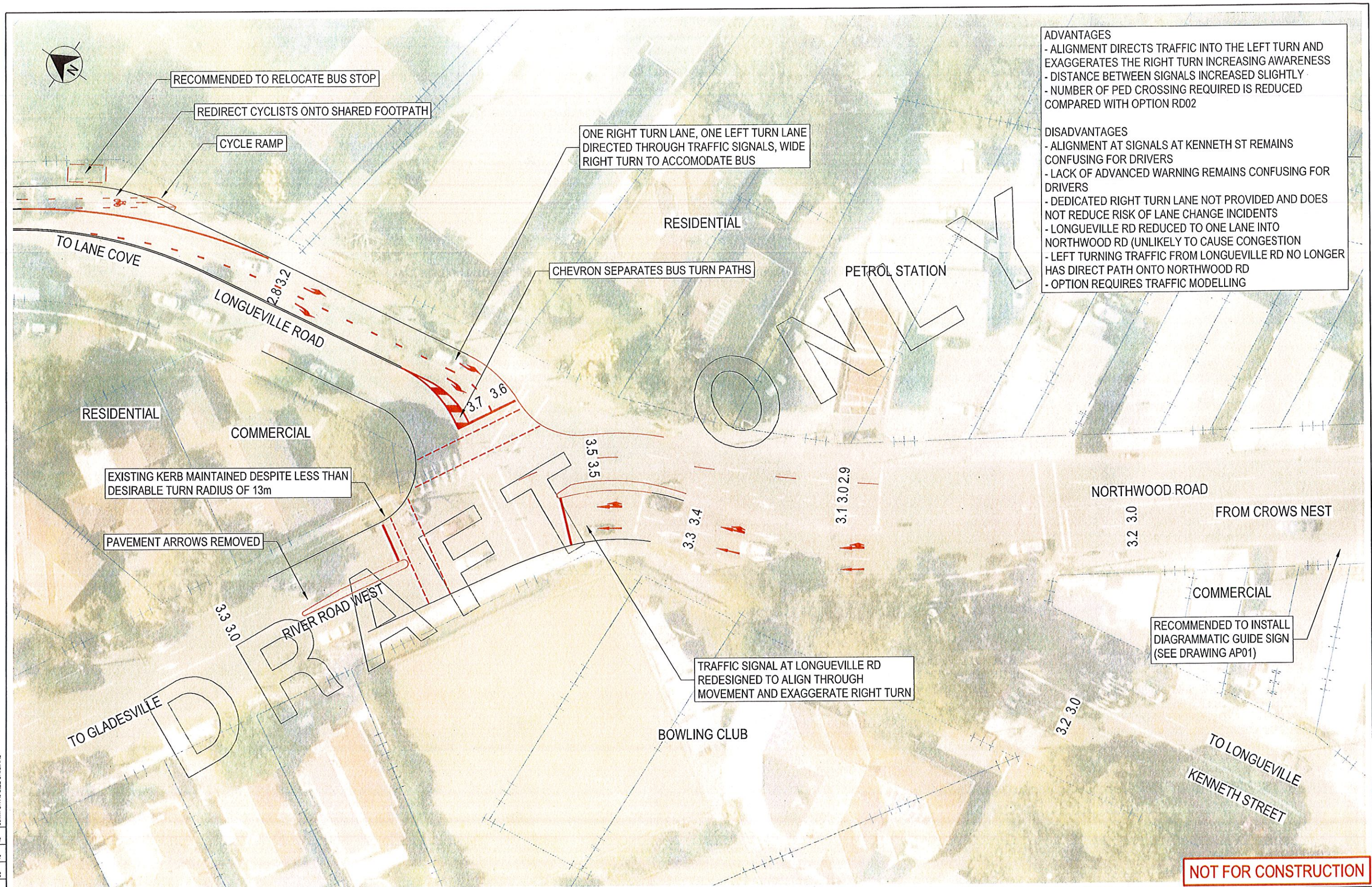


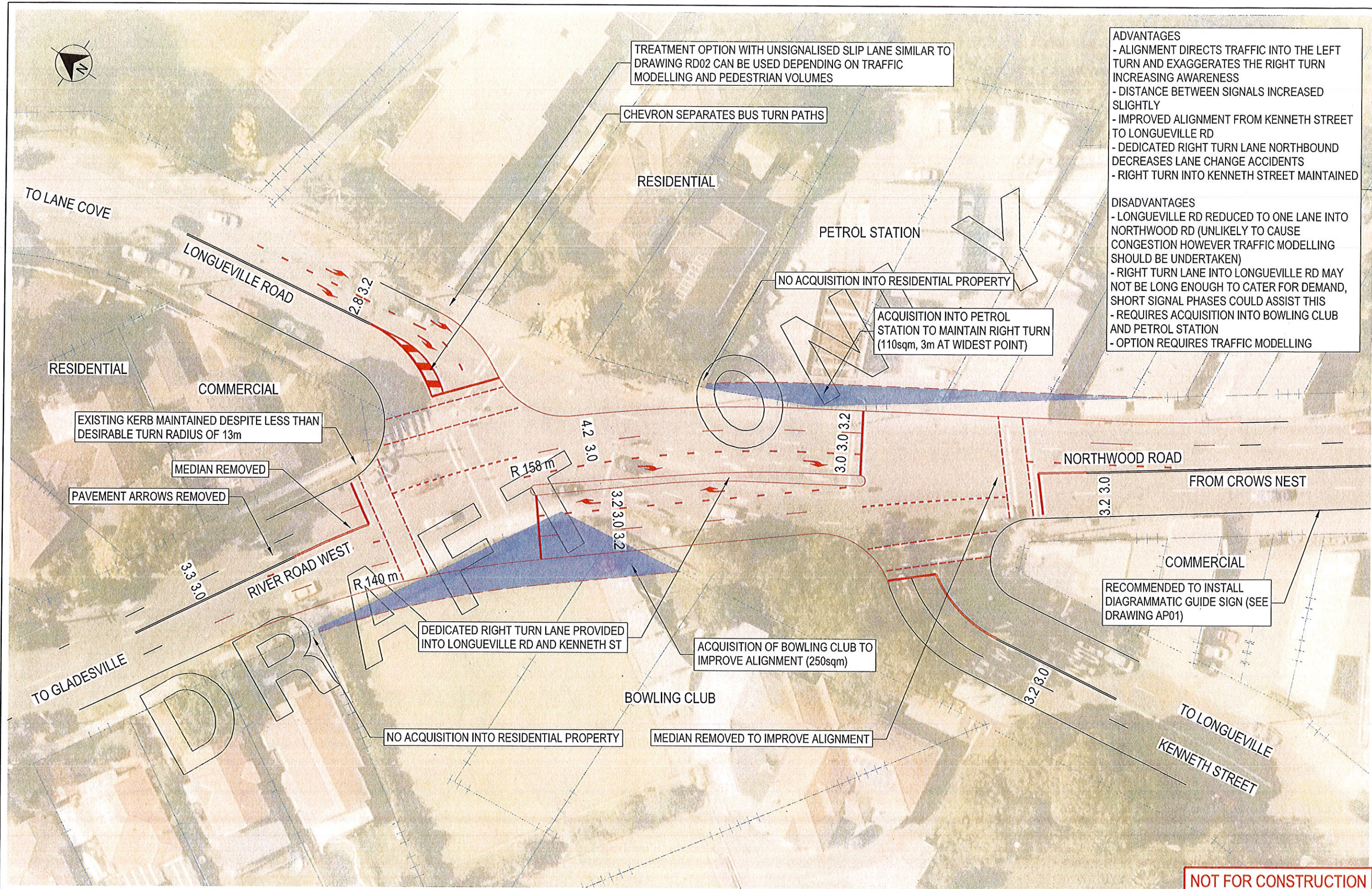
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150mm ON A3 SIZE ORIGINAL



- ADVANTAGES**
- ALIGNMENT DIRECTS TRAFFIC INTO THE LEFT TURN AND EXAGGERATES THE RIGHT TURN INCREASING AWARENESS
 - DISTANCE BETWEEN SIGNALS INCREASED SLIGHTLY
 - NUMBER OF PED CROSSING REQUIRED IS REDUCED COMPARED WITH OPTION RD02
- DISADVANTAGES**
- ALIGNMENT AT SIGNALS AT KENNETH ST REMAINS CONFUSING FOR DRIVERS
 - LACK OF ADVANCED WARNING REMAINS CONFUSING FOR DRIVERS
 - DEDICATED RIGHT TURN LANE NOT PROVIDED AND DOES NOT REDUCE RISK OF LANE CHANGE INCIDENTS
 - LONGUEVILLE RD REDUCED TO ONE LANE INTO NORTHWOOD RD (UNLIKELY TO CAUSE CONGESTION)
 - LEFT TURNING TRAFFIC FROM LONGUEVILLE RD NO LONGER HAS DIRECT PATH ONTO NORTHWOOD RD
 - OPTION REQUIRES TRAFFIC MODELLING

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING Xref_Design_16.dgn			PLOT DATE / TIME 18/06/2018 2:52:28 PM		PLOT BY ongm	CLIENT	LANE COVE COUNCIL AREA RR2070 - RIVER ROAD WEST INTERSECTION IMPROVEMENTS AT NORTHWOOD RD AND LONGUEVILLE RD LONGUEVILLE OPTION RD02-1			SHEET 3 OF 9		PART	ISSUE	A3			
SCALES ON A3 SIZE DRAWING			DRAWINGS / DESIGN PREPARED BY		TITLE	NAME	DATE	NSW GOVERNMENT	Transport Roads & Maritime Services	PREPARED FOR	RMS REGISTRATION No. DS2018 / 000623		EDMS No. SF2018 / 183121	SHEET No. RD02-1	ISSUE		
0 5 10 15 20 SCALE 1:500m			NSW GOVERNMENT Transport Roads & Maritime Services		DRAWN	M. ONG	XX.XX.XX	DRG CHECK	J. SALES-LUIS	XX.XX.XX	DESIGN	M. ONG	XX.XX.XX	DESIGN CHECK	J. SALES-LUIS	XX.XX.XX	
CO-ORDINATE SYSTEM MGA ZONE 56			HEIGHT DATUM AHD		ENGINEERING SERVICES ROAD DESIGN TRAFFIC SIGNAL OPERATIONS		DESIGN MNGR	J. SALES-LUIS	XX.XX.XX	PROJECT MNGR	V. WALKER	XX.XX.XX	NETWORK AND SAFETY SERVICES NORTH-WEST PRECINCT	ISSUE STATUS STRATEGIC DESIGN	EDMS No. SF2018 / 183121	SHEET No. RD02-1	ISSUE
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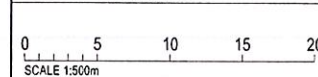


- ADVANTAGES**
- ALIGNMENT DIRECTS TRAFFIC INTO THE LEFT TURN AND EXAGGERATES THE RIGHT TURN INCREASING AWARENESS
 - DISTANCE BETWEEN SIGNALS INCREASED SLIGHTLY
 - IMPROVED ALIGNMENT FROM KENNETH STREET TO LONGUEVILLE RD
 - DEDICATED RIGHT TURN LANE NORTHBOUND DECREASES LANE CHANGE ACCIDENTS
 - RIGHT TURN INTO KENNETH STREET MAINTAINED
- DISADVANTAGES**
- LONGUEVILLE RD REDUCED TO ONE LANE INTO NORTHWOOD RD (UNLIKELY TO CAUSE CONGESTION HOWEVER TRAFFIC MODELLING SHOULD BE UNDERTAKEN)
 - RIGHT TURN LANE INTO LONGUEVILLE RD MAY NOT BE LONG ENOUGH TO CATER FOR DEMAND, SHORT SIGNAL PHASES COULD ASSIST THIS
 - REQUIRES ACQUISITION INTO BOWLING CLUB AND PETROL STATION
 - OPTION REQUIRES TRAFFIC MODELLING

NOT FOR CONSTRUCTION

DESIGN MODEL FILE(S) USED FOR DOCUMENTATION OF THIS DRAWING
Xref_Design_23.dgn

SCALES ON A3 SIZE DRAWING



CO-ORDINATE SYSTEM
MGA ZONE 56

HEIGHT DATUM
AHD

DRAWINGS / DESIGN PREPARED BY



ENGINEERING SERVICES
ROAD DESIGN
TRAFFIC SIGNAL OPERATIONS

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TITLE	NAME	DATE
DRAWN	M. ONG	XXXXXX
DRG CHECK	J. SALES-LUIS	XXXXXX
DESIGN	M. ONG	XXXXXX
DESIGN CHECK	J. SALES-LUIS	XXXXXX
DESIGN MNGR	J. SALES-LUIS	XXXXXX
PROJECT MNGR	V. WALKER	XXXXXX

CLIENT



PREPARED FOR
NETWORK AND SAFETY SERVICES
NORTH-WEST PRECINCT

LANE COVE COUNCIL AREA
RR2070 - RIVER ROAD WEST
INTERSECTION IMPROVEMENTS AT
NORTHWOOD RD AND LONGUEVILLE RD
LONGUEVILLE
OPTION RD07

A3

RMS REGISTRATION No. **DS2018 / 000623**

ISSUE STATUS
STRATEGIC DESIGN

EDMS No.
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SHEET No.
RD07

SHEET 8 OF 9

ISSUE