



SPECIAL SIGNAL GROUP DISPLAY SEQUENCE

SIGNAL GROUP	PHASE GREEN						TABLE TYPE	REMARKS
	A	B	C	D	E	F		
V1	X					X	4	No overlap A → F
V2	X	X			X	X	43	No overlap A → F if V3 filtering
V3		X			X		81	Z-Filter Option. Timed Red Arrow protection for P1 pedestrians. Pushbutton on Post 9 extends RA protection subject to timer.
V4			C				74	Timed Red protection for P4 pedestrians. Pushbutton on Post 6 extends Red protection subject to timer.
V5				X			1	
V6			C				78	Red in 'F' phase. Timed Red Arrow protection for P1 pedestrians. Push Button on Post 9 extends Red Arrow protection subject to timer
V7	X	C		X			77	Timed Red Arrow protection for P3 pedestrians. Pushbutton on Post 2 extends RA protection subject to timer.
V8					X		1	
P1	X				X		23	No overlap A → F
P2	X	X	X	X	X		28	Automatic introduction of P2 ped subject to presence of XSF 1. Walk for GREEN
P3			X				2	
P4			X				2	

POST	TYPE	LENGTH	OFFSET	REMARKS
1	14	9.6	1.0	EXISTING
2	15	9.6	1.0	NEW 5.5m OUTREACH 756kg
3	2	4.1	1.0	EXISTING
4	2	4.1	1.0	EXISTING
5	14	9.6	1.0	NEW TYPE B - 336kg
6	15	9.6	1.0	NEW 5.5m OUTREACH 756kg
7	14	9.6	1.0	NEW TYPE B - 336kg
8	2	4.1	0.6	EXISTING
9	14	9.6	1.0	EXISTING

DETECTOR SPECIFICATION

Detector	Specifications				
	FN	A(L)	A(E1)		
A	SG/PS	A	A		
	DS				
A-B-E1 Approach & Departure	FN	B(PR)	E(PR)		
	SG/PS	A	A		
	DS	Z-	Z-Z+		
A-B-E1 Approach	FN	A(L),B(L)	B(L)	E(L)	E(L)
	SG/PS	V2	V3	V2	V3
	DS	Z-	Z-	Z-Z+	Z-Z+
A-B-E1 Approach	FN	A(E3)		B(E3)	E(E3)
	SG/PS	A		B	E
	DS	Z-A-B-E1(PR),B(NEXT),E(NEXT)		E(NEXT)	B(NEXT)
A-B-E2	FN	A(L)	A(E2)	B(E2)	E(E2)
	SG/PS	V2	A	B	E
	DS	B.E	B(NEXT),E(NEXT)	A(NEXT),E(NEXT)	A(NEXT),B(NEXT)
B-C-E	FN	B(L)	B(L)	E(L)	E(L)
	SG/PS	V7.C	C	V7.C	C
	DS	C+P3(PB)	B-C-E(NG)	Z+,C+P3(PB)	Z+,B-C-E(NG)
B-C-E	FN	B(E1)	C(E1)	E(E1)	
	SG/PS	B	C	E	
	DS	C(NEXT)+P3(PB),E(NEXT)	B(NEXT),E(NEXT)	B(NEXT),C(NEXT)+P3(PB)	
C	FN	C(L)	C(E2)		
	SG/PS	C	C		
	DS				
D	FN	D(L)	D(E1)		
	SG/PS	D	D		
	DS				
F Bicycle	FN	F(PR)	F(E1)		
	SG/PS	F	F		
	DS				
P1	FN	A(PB)	C(L)		
	SG/PS	V1.P1(WALK)	V1.P1(WALK)		
	P.B.	F	B.C.D.E		
P2	FN	A(PB)	C(L)		Reintroduce Walk
	SG/PS	D.P2(WALK)	V5.P2(WALK)		
	P.B.	B.C.E.F	D		
P3	FN	C(PB)	A(L)		
	SG/PS	P3(WALK)	C.P3(WALK)		
	P.B.		A.B.D.E.F		
P4	FN	C(PB)	A(L)		
	SG/PS	P4(WALK)	C.P4(WALK)		
	P.B.		A.B.D.E.F		

NOTES

- This site is SCATS linked. This site is linked to the RMS CBD fibre network by conduit to the existing housing at site TCS 310.
- Special STOP Sign (R1-4) placed on Posts 3, 4, 8 and 9.
- Audio tactile pushbuttons are located on Posts 1, 2, 3, 4, 5, 6, 7 and 9.
- Kerb ramps to be constructed at all pedestrian crossings in accordance with RMS Standard (Road) Drawing R.0300-11.
- Trees on all approaches are to be regularly inspected and trimmed by Council to minimise lantern obstruction. For Civil Works see Drawing Nos. B10-CD000410 and B10-CD000411 prepared by CARDNO.
- Stop line presence detectors 1, 2, 6 and 7 are located to avoid conflict with utility services in the roadway.
- Denotes extent of easement for roadway dedication.
- Supply is existing.
- CCTV Camera is mounted on signal Post 6.
- Presence of XSF15 in Flexilink and Masterlink automatically demands Bicycle Phase 'F'.
- Bicycle lanterns are 200mm with square visors and no target board.
- The Bicycle Lanterns on Posts 1 and 6 are mounted below the vehicle lanterns a minimum of 2.4m above the footpath.
- Provision to be made in ducting and cabling for a future A-B-E3 Detector.
- Bicycle lane to be in accordance with NSW Bicycle Guidelines and City of Sydney Guidelines.
- Bicycle detector to be installed in accordance with Drawings VC005-36 and VC005-38.

A ORIGINAL ISSUE

PUBLIC UTILITY LEGEND	REFERENCE PLANS	U.B.D. Ref. Map 1-C14
HYDRANT	SYMBOLS/ABBS. VD003-6	U.S.G. E. 318 738
STOP VALVE	STD POSIT VD001-5	CO-ORDS. N. 1 246 719
GAS VALVE	PRES. DETECT VC005-17	DESIGNED G VARLEY
SEWER MANHOLE	VEH. GROUP OP TS-TN-019	Road Delay Solutions P/L
TELECOM PIT	DET. LOGIC OP TS-TN-020	CHECKED M HODGES
ELECT LIGHT POLE	PED. MOVEMENT OP TS-TN-021	CARDNO
POWER POLE		SITE CHECKED
RMS PIT		
TELEPHONE BOX	SURVEYOR: CARDNO	
TELECOM PILLAR	DATE: 2014	RECOMMENDED

DESIGN APPROVAL	RMS ACCEPTANCE
APPROVED <i>G. Varley</i> Road Delay Solutions P/L DIRECTOR	RECOMMENDED <i>M. Hodges</i> NSW Operations Team Leader
DATE: 25.5.2017	DATE: 1.8.JUL.2017
ACCEPTED <i>M. Hodges</i> Road Delay Solutions P/L DIRECTOR	ACCEPTED <i>M. Hodges</i> NSW Operations Team Leader
DATE: 1.9.JUL.2017	DATE: 1.9.JUL.2017

ROADS AND MARITIME SERVICES  
**SYDNEY COUNCIL AREA**  
**TRAFFIC SIGNALS AT**  
**HICKSON ROAD, SUSSEX STREET**  
**AND NAPOLEON STREET**  
 SYDNEY  
 TCS No 4625

EXISTING	PROPOSED
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FILE: SF2014/038544	SUPERSEDES SHEET/ISSUE: 1/A
REG No. DS2014/005640	TCS No. 4625
	SHEET: 4