

SIGNAL GROUP PHASE CHART

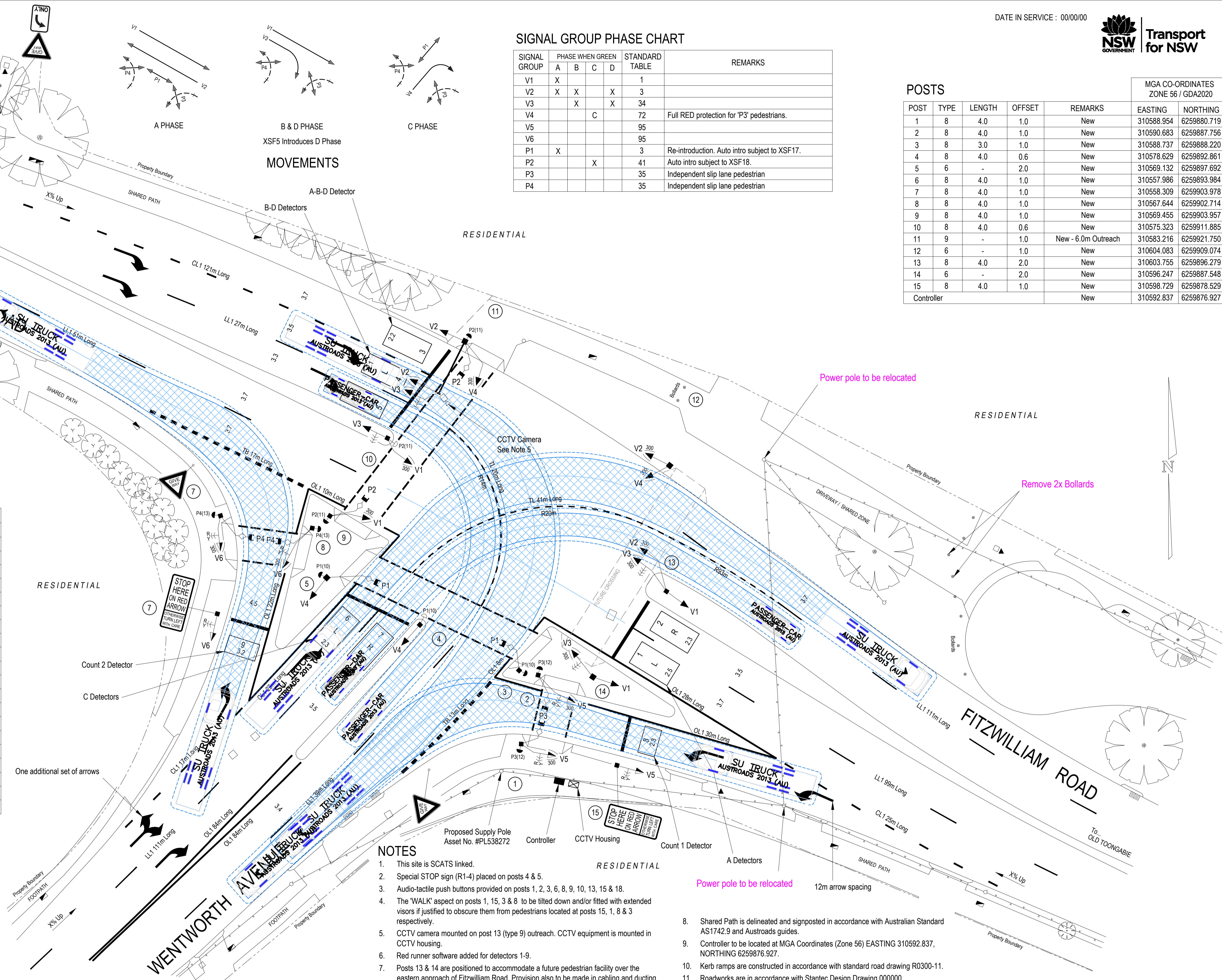
SIGNAL GROUP	PHASE WHEN GREEN				STANDARD TABLE	REMARKS
	A	B	C	D		
V1	X				1	
V2	X	X		X	3	
V3		X		X	34	
V4			C		72	Full RED protection for 'P3' pedestrians.
V5					95	
V6					95	
P1	X				3	Re-introduction. Auto intro subject to XSF17.
P2			X		41	Auto intro subject to XSF18.
P3					35	Independent slip lane pedestrian
P4					35	Independent slip lane pedestrian

POSTS

POST	TYPE	LENGTH	OFFSET	REMARKS	MGA CO-ORDINATES ZONE 56 / GDA2020	
					EASTING	NORTHING
1	8	4.0	1.0	New	310588.954	6259880.719
2	8	4.0	1.0	New	310590.683	6259887.756
3	8	3.0	1.0	New	310588.737	6259888.220
4	8	4.0	0.6	New	310578.629	6259892.861
5	6	-	2.0	New	310569.132	6259897.692
6	8	4.0	1.0	New	310557.986	6259893.984
7	8	4.0	1.0	New	310558.309	6259903.978
8	8	4.0	1.0	New	310567.644	6259902.714
9	8	4.0	1.0	New	310569.455	6259903.957
10	8	4.0	0.6	New	310575.323	6259911.885
11	9	-	1.0	New - 6.0m Outreach	310583.216	6259921.750
12	6	-	1.0	New	310604.083	6259909.074
13	8	4.0	2.0	New	310603.755	6259896.279
14	6	-	2.0	New	310596.247	6259887.548
15	8	4.0	1.0	New	310598.729	6259878.529
Controller				New	310592.837	6259876.927

DETECTOR SPECIFICATION

DETECTOR	SPECIFICATION			
A	FN	A(L)	A(E1)	
	SG/PS	A	A	
A-B-D	FN	A(L)	A(E2)	
	SG/PS	V2	A	
cont. A-B-D	FN	B(E2)	D(E2)	
	SG/PS	B	D	
B-D	FN	B(L)	D(L)	B(E3) D(E3)
	SG/PS	V3	V3	B D
C	FN	C(L)	C(E2)	
	SG/PS	C	C	
P1 P.B.	FN	A(PB)	Re-introduce Walk	
	SG/PS	P1(WALK)	A.P1(WALK)	
P2 P.B.	FN	C(PB)	A(L)	
	SG/PS	P2(WALK)	C.P2(WALK)	
P3 P.B.	FN		A(L)	
	SG/PS	P3(WALK)	C.P3(WALK)	
P4 P.B.	FN		A(L)	
	SG/PS	P4(WALK)	C.P4(WALK)	



NOTES

- This site is SCATS linked.
- Special STOP sign (R1-4) placed on posts 4 & 5.
- Audio-tactile push buttons provided on posts 1, 2, 3, 6, 8, 9, 10, 13, 15 & 18.
- The 'WALK' aspect on posts 1, 15, 3 & 8 to be tilted down and/or fitted with extended visors if justified to obscure them from pedestrians located at posts 15, 1, 8 & 3 respectively.
- CCTV camera mounted on post 13 (type 9) outreach. CCTV equipment is mounted in CCTV housing.
- Red runner software added for detectors 1-9.
- Posts 13 & 14 are positioned to accommodate a future pedestrian facility over the eastern approach of Fitzwilliam Road. Provision also to be made in cabling and ducting.

- Shared Path is delineated and signposted in accordance with Australian Standard AS1742.9 and Austroads guides.
- Controller to be located at MGA Coordinates (Zone 56) EASTING 310592.837, NORTHING 6259876.927.
- Kerb ramps are constructed in accordance with standard road drawing R0300-11.
- Roadworks are in accordance with Stantec Design Drawing 000000.

A ORIGINAL ISSUE	PUBLIC UTILITY LEGEND		REFERENCE PLANS		U.B.D. Ref. Map 189 06		DESIGN APPROVAL		TFNSW RECOMMENDATION		TFNSW ACCEPTANCE		TRANSPORT FOR NEW SOUTH WALES PARRAMATTA COUNCIL AREA TRAFFIC SIGNALS AT FITZWILLIAM ROAD, STATION ROAD AND WENTWORTH AVENUE TOONGABBIE		
	HYDRANT <input type="checkbox"/> STOP VALVE <input type="checkbox"/> GAS VALVE <input type="checkbox"/> SEWER MANHOLE <input type="checkbox"/> COMMS PIT <input type="checkbox"/> ELECT LIGHT POLE <input type="checkbox"/> POWER POLE <input type="checkbox"/> STAY POLE <input type="checkbox"/> TELEPHONE BOX <input type="checkbox"/> COMMS PILLAR <input type="checkbox"/>		SYMBOLS/ABRVS V0003-6 STD POSN CMPT V0001-5 INSTL STOP DET VC005-17 VEH GROUP OP TS-TN-019 DET LOGIC OP TS-TN-020 PED MVT OP TS-TN-021		I.S.G. E: 295 655 CO-ORDS N: 1 260 325 DESIGNED: RYAN BATES CHECKED: TRISTAN CORKER RYAN BATES SITE CHECKED RYAN BATES RECOMMENDED		APPROVED NAME: <i>R. Bates</i> POSITION: MANAGER DATE: 22/12/25 DESIGN PREPARED BY B-Line Drafting on behalf of Stantec		ROAD DESIGN ENGINEERING NAME: _____ POSITION: _____ DATE: _____ NETWORK OPERATIONS NAME: _____ POSITION: _____ DATE: _____		ACCEPTED NAME: _____ POSITION: _____ DATE: _____ ACCEPTED BY _____ SECTION				
	DESIGN LAYOUT												ISSUE A		
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