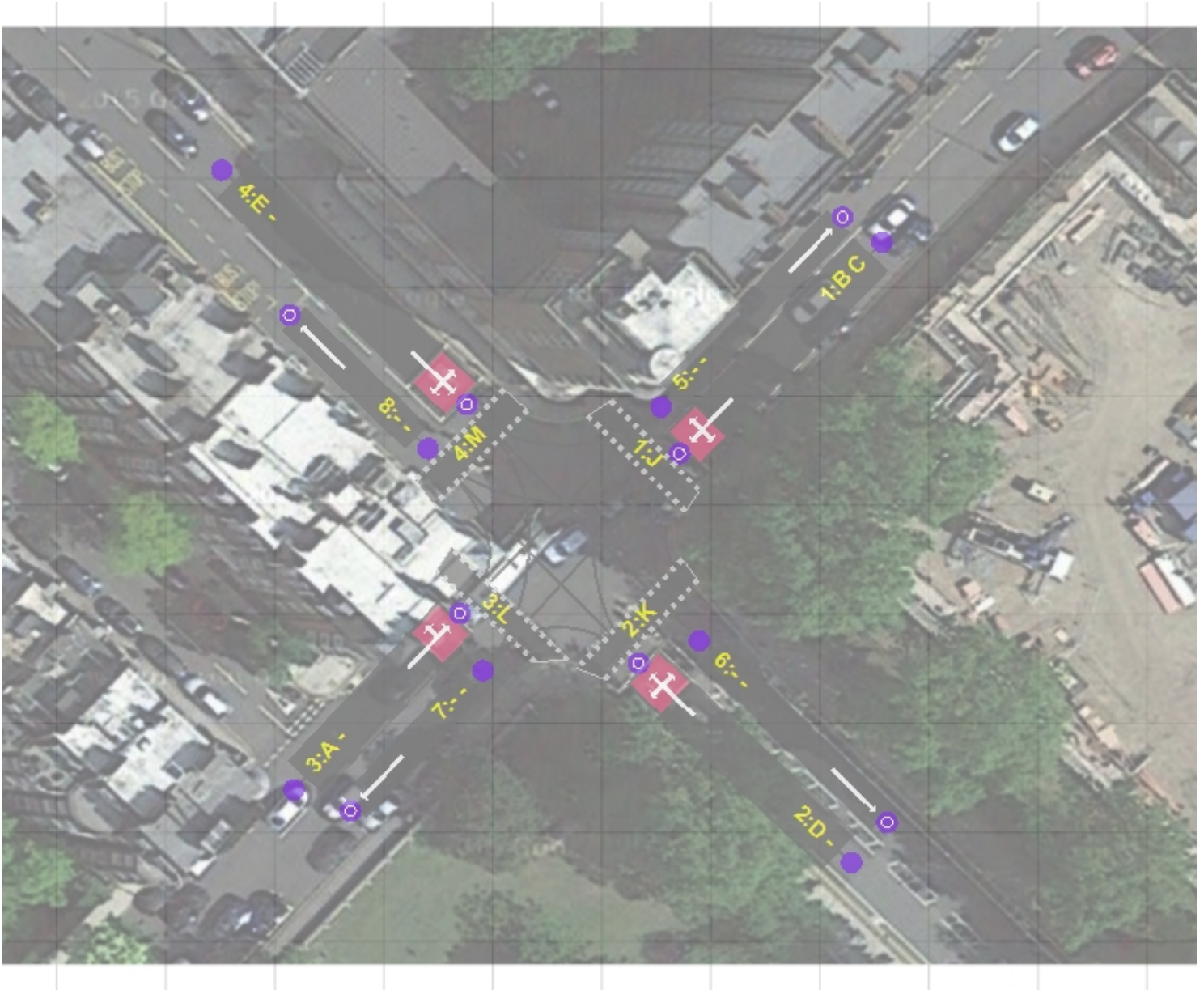


quickGreen Report

Project: Chelsea Barracks Modelling
Royal Hospital Rd/Chelsea
Title: Barracks Rd/Pimlico
Rd/Lower Sloane St

Filename:	2016.06.27_Proposed_IGs_with_Ped_Stage.qgn
Location:	51.489610, -0.155829
Designer:	CC
Organisation:	WYG
Address:	100 St John Street, London, EC1M 4EH

Junction Geometry



Notes

This model does not have notes

Lane Details

Lane	Width (m)	Controlling Phase	Controlling Arrow Phase	Number of Turns	ASL Length (m)	Num Turning Movements
1	4.5	B	C	3	3.57	0 of 3
2	4.45	D		3	4.13	0 of 3
3	4.5	A		2	3.86	0 of 2
4	4.5	E		3	4.46	0 of 3

Pedestrian Crossings

Crossing	Walk Distance (m)	Walk Time (s)	Terminating Intergreen (s)
1	12.09	10.08	12.08
2	13.22	11.02	13.02
3	13.60	11.33	13.33
4	11.94	9.95	11.95

Traffic Signal Phases

Phase Name	Type	Lanes Controlled
A	3 Aspect Traffic	3
B	3 Aspect Traffic	1
C	Ind. Arrow	1
D	3 Aspect Traffic	2
E	3 Aspect Traffic	4
F	3 Aspect Traffic	
G	3 Aspect Traffic	
H	3 Aspect Traffic	
I	3 Aspect Traffic	
J	Pedestrian	1
K	Pedestrian	2
L	Pedestrian	3
M	Pedestrian	4

Lane Conflict Distances

Starting Lane

Terminating Lane

Lane Conflict Distances (m)				
	1	2	3	4
1		13.91	11.43	8.72
2	11.56		13.95	10.80
3	6.51	3.78		10.45
4	15.68	15.06	9.67	

Current ASL setting: Use the worst-case stop line of each ASL

Traffic\Pedestrian Conflict Distances

Starting Ped Crossing

Terminating Lane

Traffic/Pedestrian Conflict Distances (m)				
	P1	P2	P3	P4
1	7.55	19.31	27.10	27.04
2	28.27	8.39	17.30	29.57
3	27.92		8.21	19.47
4	21.91	31.45	28.20	7.88

Current ASL setting: Use the worst-case stop line of each ASL

Phase Intergreen Matrix

Starting Phase

Terminating Phase	Phase Intergreens (s)												
	A	B	C	D	E	F	G	H	I	J	K	L	M
	A	5	5	5	6					8		5	7
	B	6		6	5					5	7	8	8
	C	6		6	5					5	7	8	8
	D	6	6		6					8	5	6	8
	E	6	6	6						7	8	8	5
	F												
	G												
	H												
	I												
	J	12	12	12	12								
	K		12	12	12								
	L	13	13	13	13								
	M	12	12	12	12								

Current ASL setting: Use the worst-case stop line of each ASL

Additional Phase Intergreen Detail

Phases	Type	Value	Notes
J => A	Override	12	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
J => B	Override	12	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
J => C	Override	12	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal

Phases	Type	Value	Notes
			Timings. Doc. Ref. SQA-0645 (Issue 3).
J => D	Override	12	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
J => E	Override	12	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
K => B	Override	12	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
K => C	Override	12	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
K => D	Override	12	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
K => E	Override	12	Calculation of pedestrian timings at the junction assuming the usage of

Phases	Type	Value	Notes
			countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
L => A	Override	13	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
L => B	Override	13	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
L => C	Override	13	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
L => D	Override	13	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).
L => E	Override	13	Calculation of pedestrian timings at the junction assuming the usage of countdown units, as per TfL Traffic Signal Timings. Doc. Ref. SQA-0645 (Issue 3).

Audit Log Records

This model does not have any audit records