



Key to Restriction Types Displayed

- Bus Stop
- - - Car Club
- Day 2 AM
- - - Disabled Bay
- = Double Red Line
- - - Limited Waiting
- - - Loading Bay
- No waiting
- No waiting at any time
- - - Pay and Display
- - - Residents Parking Only
- - - School Keep Clear
- - - Shared Use - Disabled Bay & Loading
- - - (None)
- - - (None)
- Single Red Line
- Space
- - - Zig Zag - Pedestrian Crossing



Manor Road, Richmond: PSS Day 2 AM

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SCALE	1 : 1250 @ A0 size
DATE	26/11/2018
DRAWING No.	
DRAWN BY	



Key to Restriction Types Displayed

- Bus Stop
- - - Car Club
- - - Day 2 Night
- - - Disabled Bay
- = = = Double Red Line
- - - Limited Waiting
- - - Loading Bay
- No waiting
- No waiting at any time
- - - Pay and Display
- - - Residents Parking Only
- - - School Keep Clear
- - - Shared Use - Disabled Bay & Loading
- - - (None)
- - - (None)
- Single Red Line
- Space
- - - Zig Zag - Pedestrian Crossing



Manor Road, Richmond: PSS Day 2 Night

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SCALE	1 : 1250 @ A0 size
DATE	26/11/2018
DRAWING No.	
DRAWN BY	



Key to Restriction Types Displayed

- Bus Stop
- Car Club
- Day 2 PM
- Disabled Bay
- Double Red Line
- Limited Waiting
- Loading Bay
- No waiting
- No waiting at any time
- Pay and Display
- Residents Parking Only
- School Keep Clear
- Shared Use - Disabled Bay & Loading
- (None)
- Single Red Line
- Space
- Zig Zag - Pedestrian Crossing



Manor Road, Richmond: PSS Day 2 PM

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SCALE	1 : 1250 @ A0 size
DATE	26/11/2018
DRAWING No.	
DRAWN BY	

APPENDIX C

Survey of Pedestrian Activity at North Sheen Station





ADVANCED
TRANSPORT
RESEARCH

Job Number & Name: 23031 Richmond

Site Number/Name: North Sheen Station

Client: Sanderson Associates

Date: 8th to 10th October 2019

Weather: variable

Comments: due to camera failure some data is
missing on Thursday 10th

Advanced Transport Research

Job Number & Name: 23031 Richmond

North Sheen Station

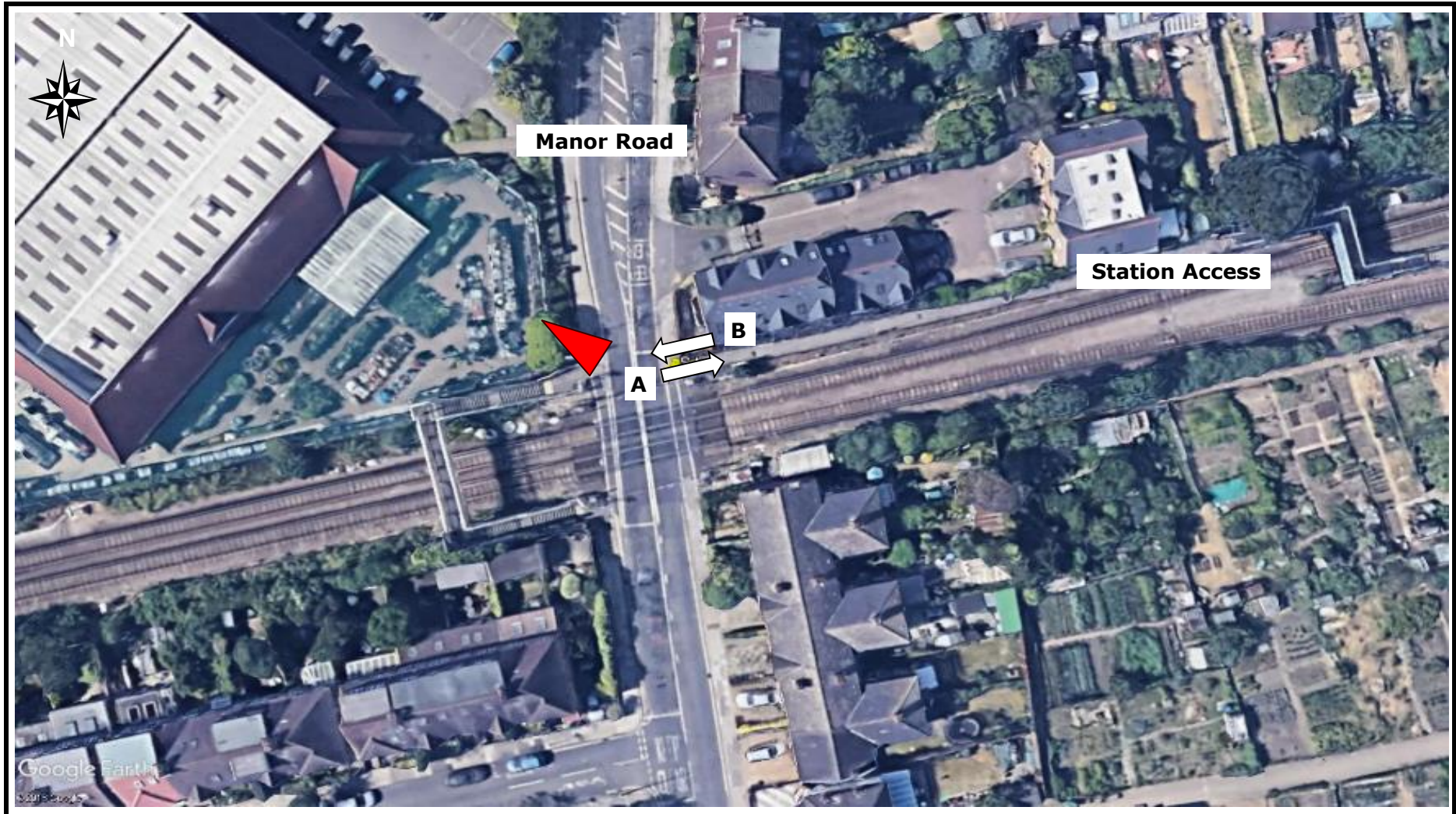
Date: 8th to 10th October 2019

Job Type: Pedestrian & Cyclist Count

Co-ordinates: 51° 27' 54.30"N, 0° 17' 18.66"W

Postcode: TW9 4QE

Times: 0700-0930
1500-1830



Times	Movement A		Movement B	
	Peds	Cyclists	Peds	Cyclists
07:00 - 07:05	29	0	4	0
07:05 - 07:10	0	0	2	0
07:10 - 07:15	5	0	7	0
07:15 - 07:20	36	0	1	0
07:20 - 07:25	10	0	0	0
07:25 - 07:30	19	0	17	0
07:30 - 07:35	31	0	6	0
07:35 - 07:40	6	0	4	0
07:40 - 07:45	21	0	13	1
07:45 - 07:50	50	0	0	0
07:50 - 07:55	19	0	5	0
07:55 - 08:00	33	0	3	0
Hourly Total	259	0	62	1
08:00 - 08:05	30	0	15	0
08:05 - 08:10	11	0	12	0
08:10 - 08:15	14	0	0	0
08:15 - 08:20	43	0	16	0
08:20 - 08:25	14	0	0	0
08:25 - 08:30	18	0	8	0
08:30 - 08:35	12	0	8	0
08:35 - 08:40	9	0	2	0
08:40 - 08:45	7	0	8	0
08:45 - 08:50	19	0	1	0
08:50 - 08:55	18	0	0	0
08:55 - 09:00	16	0	2	0
Hourly Total	211	0	72	0
09:00 - 09:05	21	0	5	0
09:05 - 09:10	6	0	1	0
09:10 - 09:15	8	0	1	0
09:15 - 09:20	10	0	2	0
09:20 - 09:25	2	0	0	0
09:25 - 09:30	2	0	2	0
Hourly Total	49	0	11	0

Times	Movement A		Movement B	
	Peds	Cyclists	Peds	Cyclists
15:00 - 15:05	1	0	5	0
15:05 - 15:10	4	0	1	0
15:10 - 15:15	4	0	14	0
15:15 - 15:20	10	0	0	0
15:20 - 15:25	4	0	2	0
15:25 - 15:30	1	0	2	0
15:30 - 15:35	2	0	6	0
15:35 - 15:40	1	0	2	0
15:40 - 15:45	4	0	2	0
15:45 - 15:50	1	0	0	0
15:50 - 15:55	3	0	2	0
15:55 - 16:00	1	0	6	0
Hourly Total	36	0	42	0
16:00 - 16:05	9	0	10	0
16:05 - 16:10	4	0	3	0
16:10 - 16:15	5	0	12	0
16:15 - 16:20	4	0	0	0
16:20 - 16:25	2	0	7	0
16:25 - 16:30	3	0	18	0
16:30 - 16:35	4	0	3	0
16:35 - 16:40	6	0	4	0
16:40 - 16:45	6	0	15	0
16:45 - 16:50	7	0	10	0
16:50 - 16:55	3	0	3	0
16:55 - 17:00	7	0	20	0
Hourly Total	60	0	105	0
17:00 - 17:05	5	0	5	0
17:05 - 17:10	9	1	1	0
17:10 - 17:15	12	0	14	1
17:15 - 17:20	7	0	0	0
17:20 - 17:25	6	0	1	0
17:25 - 17:30	3	0	35	0
17:30 - 17:35	5	0	6	0
17:35 - 17:40	2	0	3	0
17:40 - 17:45	4	0	17	0
17:45 - 17:50	5	0	4	0

Advanced Transport Research

Job Number & Name: **23031 Richmond**

North Sheen Station

Client: **Sanderson Associates**

Pedestrian Counts

Date: **Tuesday 08 October 2019**

Times	Movement A		Movement B	
	Peds	Cyclists	Peds	Cyclists
17:50 - 17:55	5	0	10	0
17:55 - 18:00	2	0	33	0
Hourly Total	65	1	129	1

Times	Movement A		Movement B	
	Peds	Cyclists	Peds	Cyclists
07:00 - 07:05	24	0	1	0
07:05 - 07:10	2	0	1	0
07:10 - 07:15	7	0	4	0
07:15 - 07:20	22	0	3	0
07:20 - 07:25	13	0	0	0
07:25 - 07:30	25	0	16	1
07:30 - 07:35	21	0	2	1
07:35 - 07:40	4	0	2	0
07:40 - 07:45	15	0	15	0
07:45 - 07:50	43	0	2	0
07:50 - 07:55	21	0	0	0
07:55 - 08:00	25	0	7	0
Hourly Total	222	0	53	2
08:00 - 08:05	41	0	13	0
08:05 - 08:10	14	0	8	0
08:10 - 08:15	13	0	12	0
08:15 - 08:20	34	0	2	0
08:20 - 08:25	10	0	0	0
08:25 - 08:30	12	0	3	0
08:30 - 08:35	23	0	0	0
08:35 - 08:40	9	0	9	0
08:40 - 08:45	9	0	1	0
08:45 - 08:50	15	0	12	0
08:50 - 08:55	5	0	0	0
08:55 - 09:00	12	0	2	0
Hourly Total	197	0	62	0
09:00 - 09:05	26	0	0	0
09:05 - 09:10	11	0	7	0
09:10 - 09:15	3	0	0	0
09:15 - 09:20	8	0	5	0
09:20 - 09:25	7	0	5	0
09:25 - 09:30	3	0	2	0
Hourly Total	58	0	19	0

Times	Movement A		Movement B	
	Peds	Cyclists	Peds	Cyclists
15:00 - 15:05	3	0	2	0
15:05 - 15:10	3	0	1	0
15:10 - 15:15	6	0	5	0
15:15 - 15:20	6	0	0	0
15:20 - 15:25	5	0	0	0
15:25 - 15:30	4	0	9	1
15:30 - 15:35	14	0	4	0
15:35 - 15:40	7	0	2	0
15:40 - 15:45	7	0	9	0
15:45 - 15:50	11	0	0	0
15:50 - 15:55	1	0	4	0
15:55 - 16:00	2	1	8	0
Hourly Total	69	1	44	1
16:00 - 16:05	4	0	3	0
16:05 - 16:10	2	0	2	0
16:10 - 16:15	5	0	7	0
16:15 - 16:20	8	0	0	0
16:20 - 16:25	1	1	9	0
16:25 - 16:30	4	0	10	0
16:30 - 16:35	3	0	7	0
16:35 - 16:40	5	2	2	0
16:40 - 16:45	4	0	22	0
16:45 - 16:50	7	0	0	0
16:50 - 16:55	4	4	5	0
16:55 - 17:00	8	0	10	1
Hourly Total	55	7	77	1
17:00 - 17:05	5	0	2	0
17:05 - 17:10	3	0	0	0
17:10 - 17:15	1	0	13	1
17:15 - 17:20	5	0	0	0
17:20 - 17:25	6	0	3	0
17:25 - 17:30	3	2	26	0
17:30 - 17:35	2	0	7	0
17:35 - 17:40	6	2	8	2
17:40 - 17:45	7	0	36	0
17:45 - 17:50	5	0	0	0

Advanced Transport Research

Job Number & Name: **23031 Richmond**

North Sheen Station

Client: **Sanderson Associates**

Pedestrian Counts

Date: **Wednesday 09 October 2019**

Times	Movement A		Movement B	
	Peds	Cyclists	Peds	Cyclists
17:50 - 17:55	6	0	0	0
17:55 - 18:00	5	0	44	1
Hourly Total	54	4	139	4

Times	Movement A		Movement B	
	Peds	Cyclists	Peds	Cyclists
07:00 - 07:05	20	0	3	0
07:05 - 07:10	6	0	0	0
07:10 - 07:15	4	0	6	1
07:15 - 07:20	33	0	0	0
07:20 - 07:25	9	0	1	0
07:25 - 07:30	18	0	15	0
07:30 - 07:35	30	0	2	1
07:35 - 07:40	10	0	4	0
07:40 - 07:45	19	0	7	0
07:45 - 07:50	41	0	1	0
07:50 - 07:55	18	0	7	0
07:55 - 08:00	20	0	15	0
Hourly Total	228	0	61	2
08:00 - 08:05	32	0	1	0
08:05 - 08:10	10	0	1	0
08:10 - 08:15	16	0	32	0
08:15 - 08:20	43	0	0	0
08:20 - 08:25	13	0	1	0
08:25 - 08:30	14	0	0	0
08:30 - 08:35	18	0	9	0
08:35 - 08:40	4	0	1	0
08:40 - 08:45	10	0	14	0
08:45 - 08:50	21	0	1	0
08:50 - 08:55	8	0	3	0
08:55 - 09:00	12	0	2	0
Hourly Total	201	0	65	0
09:00 - 09:05	24	0	5	0
09:05 - 09:10	4	0	0	0
09:10 - 09:15	7	0	0	0
09:15 - 09:20	6	6	0	0
09:20 - 09:25				
09:25 - 09:30				
Hourly Total	41	6	5	0

Times	Movement A		Movement B	
	Peds	Cyclists	Peds	Cyclists
15:00 - 15:05				
15:05 - 15:10				
15:10 - 15:15				
15:15 - 15:20				
15:20 - 15:25				
15:25 - 15:30				
15:30 - 15:35				
15:35 - 15:40				
15:40 - 15:45				
15:45 - 15:50				
15:50 - 15:55				
15:55 - 16:00				
Hourly Total	0	0	0	0
16:00 - 16:05				
16:05 - 16:10				
16:10 - 16:15				
16:15 - 16:20				
16:20 - 16:25				
16:25 - 16:30				
16:30 - 16:35				
16:35 - 16:40				
16:40 - 16:45				
16:45 - 16:50				
16:50 - 16:55				
16:55 - 17:00				
Hourly Total	0	0	0	0
17:00 - 17:05				
17:05 - 17:10				
17:10 - 17:15				
17:15 - 17:20				
17:20 - 17:25				
17:25 - 17:30				
17:30 - 17:35				
17:35 - 17:40				
17:40 - 17:45				
17:45 - 17:50				

Advanced Transport Research	<i>Job Number & Name:</i> 23031 Richmond
North Sheen Station	<i>Client:</i> Sanderson Associates
Pedestrian Counts	<i>Date:</i> Thursday 10 October 2019

Times	Movement A		Movement B	
	Peds	Cyclists	Peds	Cyclists
17:50 - 17:55				
17:55 - 18:00				
Hourly Total	0	0	0	0



ADVANCED
TRANSPORT
RESEARCH

Job Number & Name: 23031 Richmond

Site Number/Name: North Sheen Station

Client: Sanderson Associates

Date: 24/10/2019

Weather: bright and dry

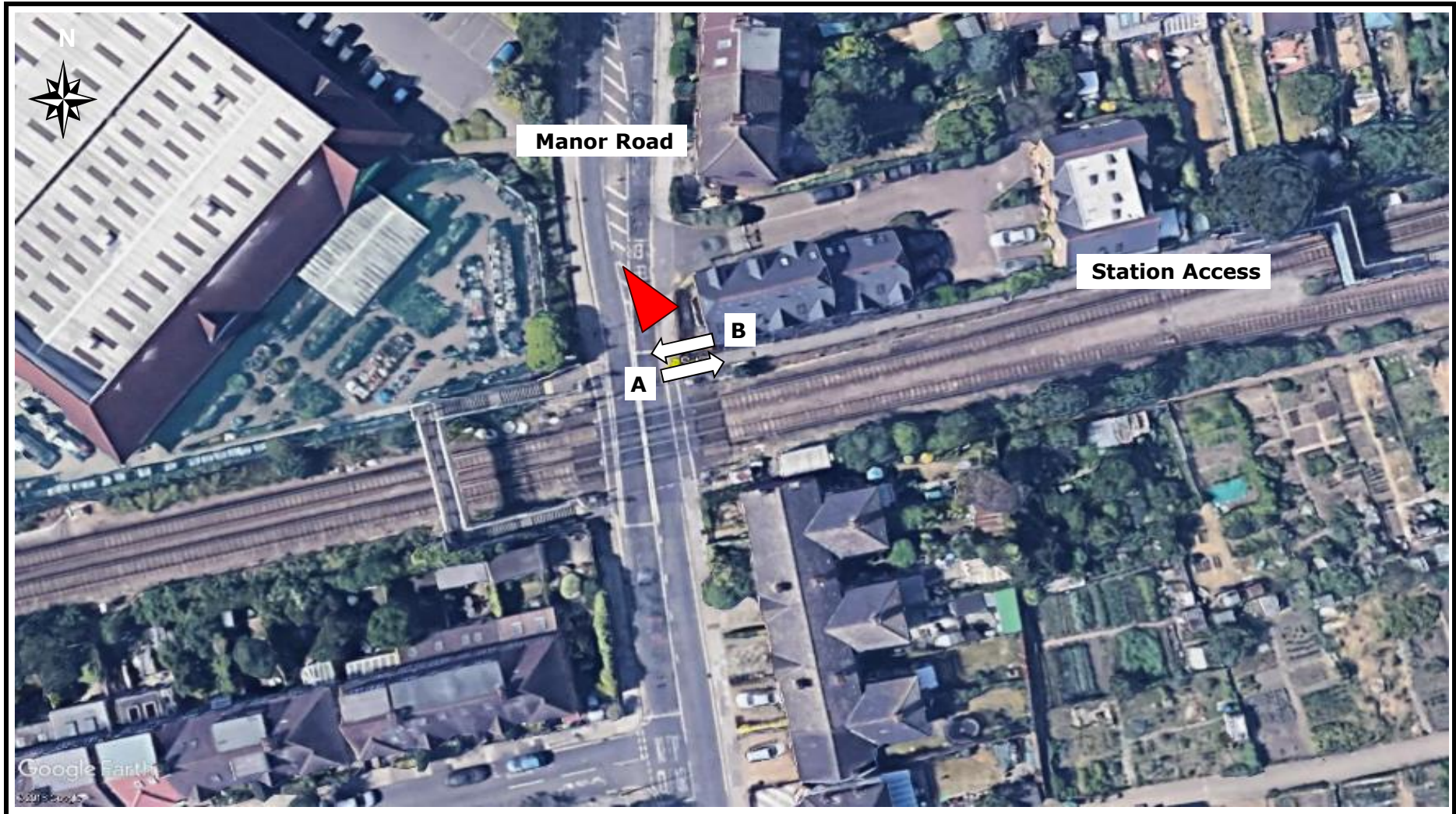
Comments: none

Job Type: Pedestrian & Cyclist Count

Co-ordinates: 51° 27' 54.30"N, 0° 17' 18.66"W

Postcode: TW9 4QE

Times: 0700-0930
1500-1830



Times	Movement A		Movement B	
	Peds	Cyclists	Peds	Cyclists
07:00 - 07:05	14	0	8	0
07:05 - 07:10	1	0	1	0
07:10 - 07:15	8	0	3	0
07:15 - 07:20	26	0	0	0
07:20 - 07:25	2	0	2	0
07:25 - 07:30	22	0	9	0
07:30 - 07:35	22	0	8	2
07:35 - 07:40	4	0	2	0
07:40 - 07:45	15	0	12	0
07:45 - 07:50	30	0	0	0
07:50 - 07:55	8	0	2	0
07:55 - 08:00	32	0	3	0
Hourly Total	184	0	50	2
08:00 - 08:05	35	0	14	0
08:05 - 08:10	12	0	14	0
08:10 - 08:15	19	0	12	0
08:15 - 08:20	37	0	1	0
08:20 - 08:25	17	0	0	0
08:25 - 08:30	21	0	6	0
08:30 - 08:35	33	0	8	0
08:35 - 08:40	3	0	0	0
08:40 - 08:45	6	0	15	0
08:45 - 08:50	12	0	0	0
08:50 - 08:55	10	0	0	0
08:55 - 09:00	11	0	7	0
Hourly Total	216	0	77	0
09:00 - 09:05	13	0	2	0
09:05 - 09:10	5	0	0	0
09:10 - 09:15	13	0	0	0
09:15 - 09:20	15	0	12	0
09:20 - 09:25	7	0	0	0
09:25 - 09:30	5	0	1	0
Hourly Total	58	0	15	0

Times	Movement A		Movement B	
	Peds	Cyclists	Peds	Cyclists
15:00 - 15:05	5	0	3	0
15:05 - 15:10	3	0	3	0
15:10 - 15:15	2	0	3	0
15:15 - 15:20	6	0	9	0
15:20 - 15:25	5	0	2	0
15:25 - 15:30	2	0	7	0
15:30 - 15:35	8	0	0	0
15:35 - 15:40	1	0	2	0
15:40 - 15:45	3	0	11	0
15:45 - 15:50	6	0	0	0
15:50 - 15:55	2	0	16	0
15:55 - 16:00	4	0	2	0
Hourly Total	47	0	58	0
16:00 - 16:05	2	0	5	0
16:05 - 16:10	5	0	0	0
16:10 - 16:15	13	0	4	0
16:15 - 16:20	3	0	2	0
16:20 - 16:25	2	0	0	0
16:25 - 16:30	3	0	7	0
16:30 - 16:35	5	0	10	0
16:35 - 16:40	1	0	6	0
16:40 - 16:45	2	0	16	1
16:45 - 16:50	1	0	0	0
16:50 - 16:55	5	0	5	0
16:55 - 17:00	9	0	21	0
Hourly Total	51	0	76	1
17:00 - 17:05	8	0	0	0
17:05 - 17:10	2	0	3	0
17:10 - 17:15	9	1	29	0
17:15 - 17:20	14	0	1	0
17:20 - 17:25	6	0	0	0
17:25 - 17:30	5	0	20	0
17:30 - 17:35	7	0	7	0
17:35 - 17:40	7	0	2	0
17:40 - 17:45	3	1	19	0
17:45 - 17:50	6	0	0	0

Advanced Transport Research	<i>Job Number & Name:</i>	23031 Richmond
North Sheen Station	<i>Client:</i>	Sanderson Associates
Pedestrian Counts	<i>Date:</i>	Thursday 24 October 2019

Times	Movement A		Movement B	
	Peds	Cyclists	Peds	Cyclists
17:50 - 17:55	5	0	5	0
17:55 - 18:00	2	0	47	0
Hourly Total	74	2	133	0

APPENDIX D

Proposed Ground Floor Layout
