



THE GOODSYARD

Transport Assessment

September 2019 - Part 2 of 3



ballymore.



Hammerson

**APPENDIX A HEALTHY
STREETS
ASSESSMENT**



Bishopsgate Goods Yard Regeneration
Limited (BGYRL)

THE GOODSYARD, BISHOPSGATE, LONDON

Healthy Streets Review





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TYPE OF DOCUMENT (VERSION) PUBLIC

PROJECT NO. 70040342

OUR REF. NO. -

DATE: MAY 2019



Bishopsgate Goods Yard Regeneration Limited
(BGYRL)

THE GOODSYARD, BISHOPSGATE, LONDON

Healthy Streets Review

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QUALITY CONTROL

Issue/revision	First issue	Revision 1	Revision 2	Revision 3
Remarks				
Date	May 2019			
Prepared by	LS			
Signature				
Checked by				
Signature				
Authorised by				
Signature				
Project number	70040342			



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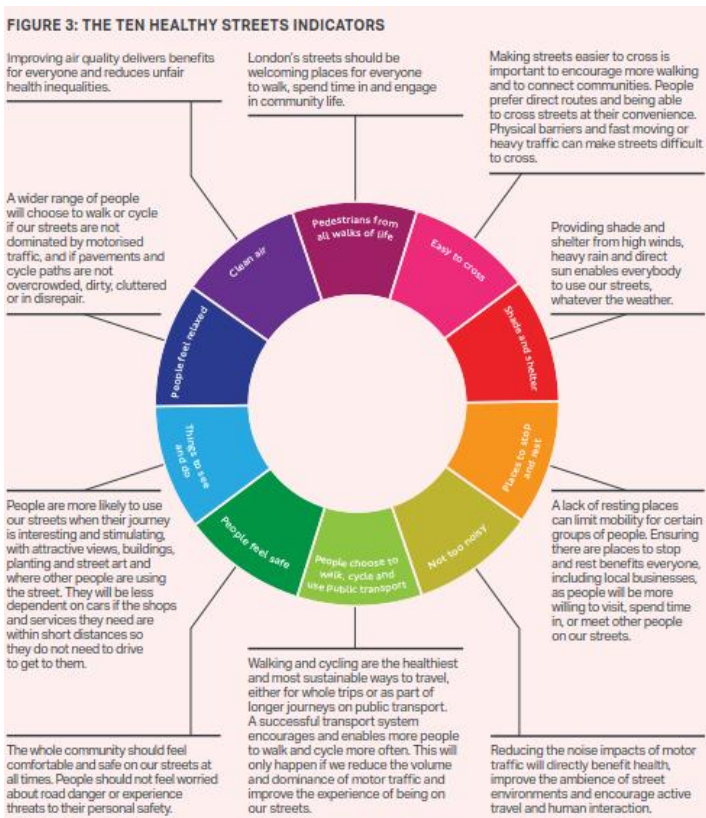
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1 INTRODUCTION

- 1.1.1. This Healthy Streets Assessment has been prepared on behalf of Bishopsgate Goods Yard Regeneration Limited (BGYRL) (the 'Applicant') in support of a planning application for the redevelopment of The Goodsyard site, also known as Bishopsgate Goodsyard (BGY) ('the site'), which is located on land surrounding Shoreditch High Street station in London.
- 1.1.2. As part of the scoping discussing it was intended for a 'Healthy Streets Check for Designers' audit to be undertaken at the application site's interface with Bethnal Green Road, Sclater Street, Brick Lane, Braithwaite Street, Quaker Street, Commercial Street, and Shoreditch High Street, to demonstrate the benefits of the proposed development scheme with baseline conditions.
- 1.1.1. The Healthy Streets Check is a spreadsheet tool to support designers. It helps any proposed changes to the way streets are laid out or used to result in improvements. The assessment audits the pedestrian links of relevance to the application site against 10 Healthy Streets Indicators, drawing a comparison to baseline conditions.



The 10 Indicators:

- ▶ Pedestrians from all walks of life
- ▶ Easy to cross
- ▶ Shade and shelter
- ▶ Places to stop and rest
- ▶ Not too noisy
- ▶ People choose to walk, cycle and use public transport
- ▶ People feel safe
- ▶ Things to see and do
- ▶ People feel relaxed
- ▶ Clean air

Figure 1-1 - Healthy Streets Indicators

- 1.1.2. It is noted that the Healthy Streets Check score does not show whether a street is healthy or not, but indicates the strengths and weaknesses of a street. It is not possible to achieve an overall score of 100%, as to score well against some metrics compromises are needed in other metrics. The check holds no formal status in guidance and decision making, but advises designers and decision makers on how a project fits with Healthy Streets policy.

1.2 DEVELOPMENT PROPOSALS

- 1.2.1. This document should be read in conjunction with the accompanying Transport Assessment (TA) as a full description of the proposals are provided within the document.
- 1.2.2. The site is located on the boundary of the London Borough of Hackney (LBH) and the London Borough of Tower Hamlets (LBTH), who both act as the planning authority and highway authority for respective parts of the site.



Figure 1-2 - Site Location

JULY 2014 PLANNING APPLICATION SUBMISSION

- 1.2.3. In July 2014 two identical planning applications were submitted, one to LBH (ref 2014/2425) and one to LBTH (ref PA/14/02011), for the proposed development at BGY. A TA (July 2014) was prepared by WSP in support of the two planning applications.

JUNE 2015 PLANNING APPLICATION AMENDMENT

- 1.2.4. In June 2015 an amendment to the July 2014 planning application submission was made, supported by an amended TA (June 2015) prepared by WSP, which considered the highway and transport planning implications of the amended proposals compared with the previously proposed development scheme.
- 1.2.5. The development proposals have been referred to the Mayor of London for determination.

2019 PLANNING APPLICATION AMENDMENT

- 1.2.6. The forthcoming amended masterplan aims to address key design matters put forward by the Greater London Authority (GLA) and the Boroughs. Pre-application discussions are taking place with the GLA, Transport for London (TfL), and the Boroughs, and following continued dialogue there is positivity to bring forward an amendment to the June 2015 scheme.
- 1.2.7. The table below shows the approximate development proposals in terms of maximum quantum.

Table 1-1 – Proposed Development

Use Class	2019 Proposed Development Quantum
B1 Office	138,623 sqm GEA
A1-A5 Retail	19,260 sqm GEA
Residential	500 units
Cultural	3,704 sqm GEA
Hotel	150 bedrooms

1.2.8. Figure 1-3 illustrates the proposed plot layout.

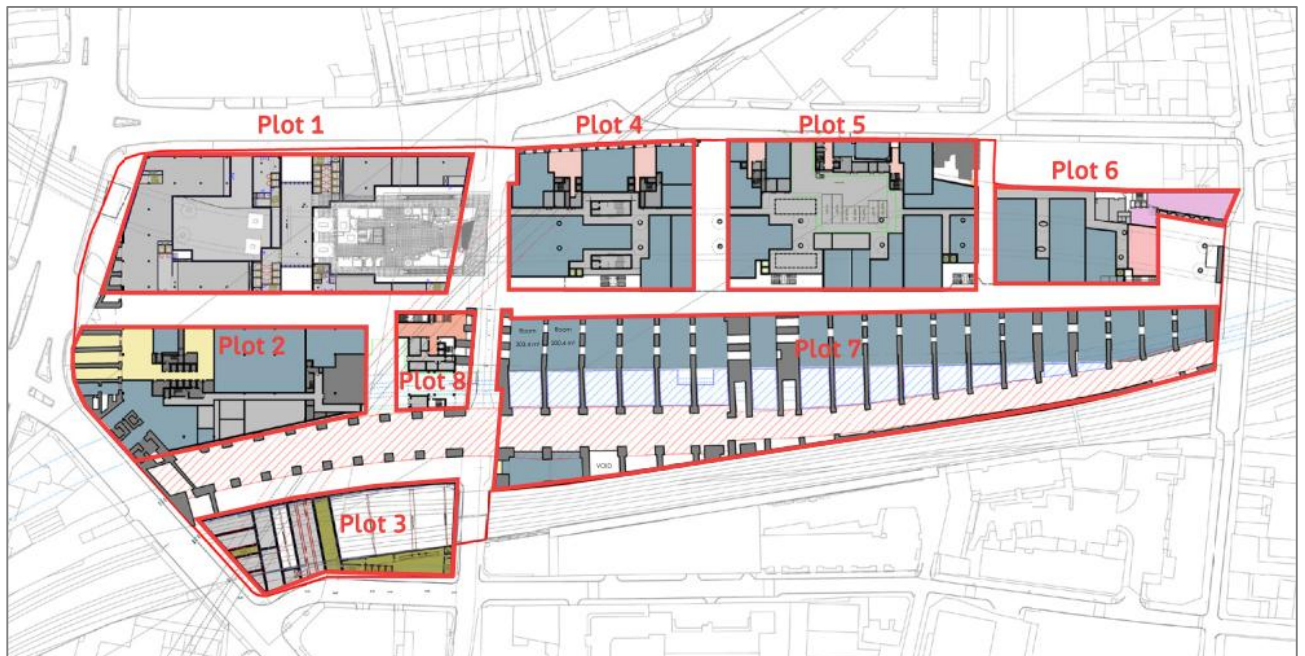


Figure 1-3 - Proposed Plot Layout

1.3 PURPOSE OF THE REPORT

1.3.1. The purpose of the Healthy Streets assessment is to evaluate any proposed changes to the way streets are laid out result in improvements when assessed against the 10 Healthy Streets Indicators.

2 HEALTHY STREETS STUDY AREA

2.1.1. The scope of the audit comprises:

- Bethnal Green Road;
- Sclater Street;
- Brick Lane;
- Braithwaite Street;
- Quaker Street,
- Commercial Street; and
- Shoreditch High Street.

2.1.2. The six links above will be assessed using the Healthy Streets Check for Designers spreadsheet while a qualitative review of three typical routes from the Shoreditch High Street Station towards Old Street, Liverpool Street and Hoxton will be undertaken. Figure 2-1 illustrates the proposed study area associated with the existing layout.

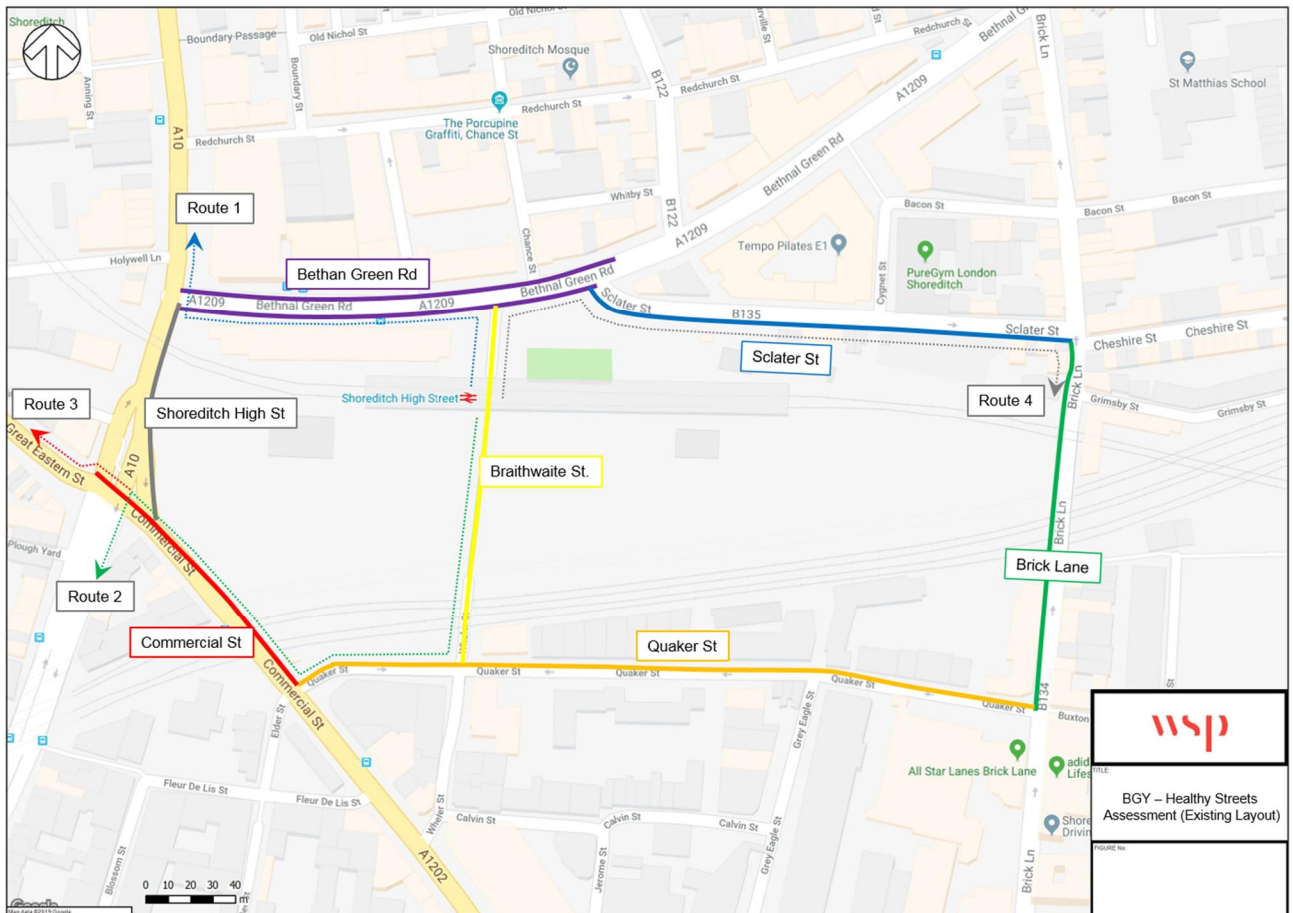


Figure 2-1 - Healthy Streets Assessment - Existing Layout

2.1.3. Where necessary and in addition to the above, the new internal links associated with the proposals will be considered as part of the proposed scenario. Figure 2-2 illustrates the study area associated with the proposed layout.

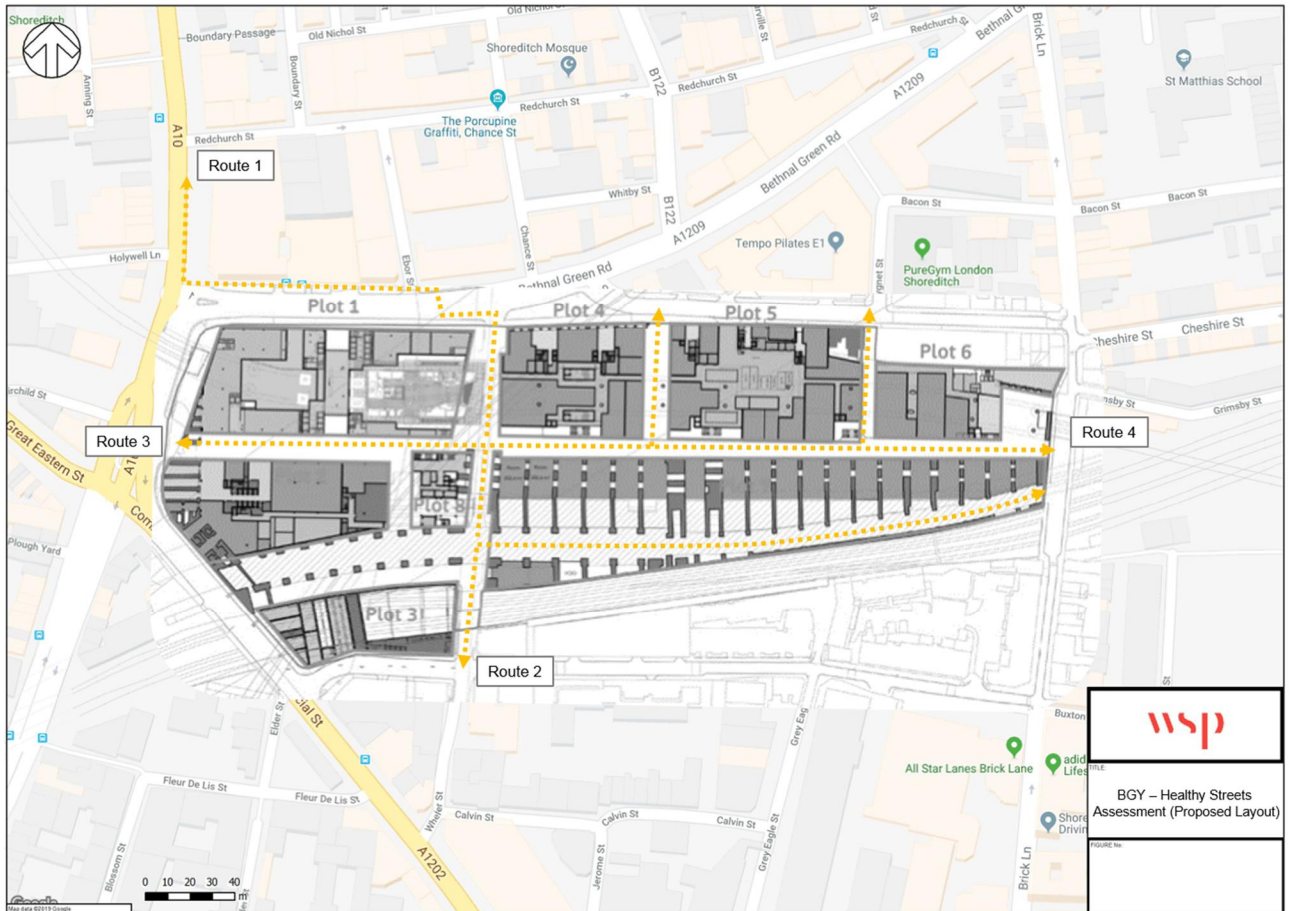


Figure 2-2 - Healthy Streets Assessment - Proposed Layout

3 HEALTHY STREETS AUDIT

3.1.1. The assessment results for each link identified above are presented in turn below.

3.2 BETHNAL GREEN ROAD

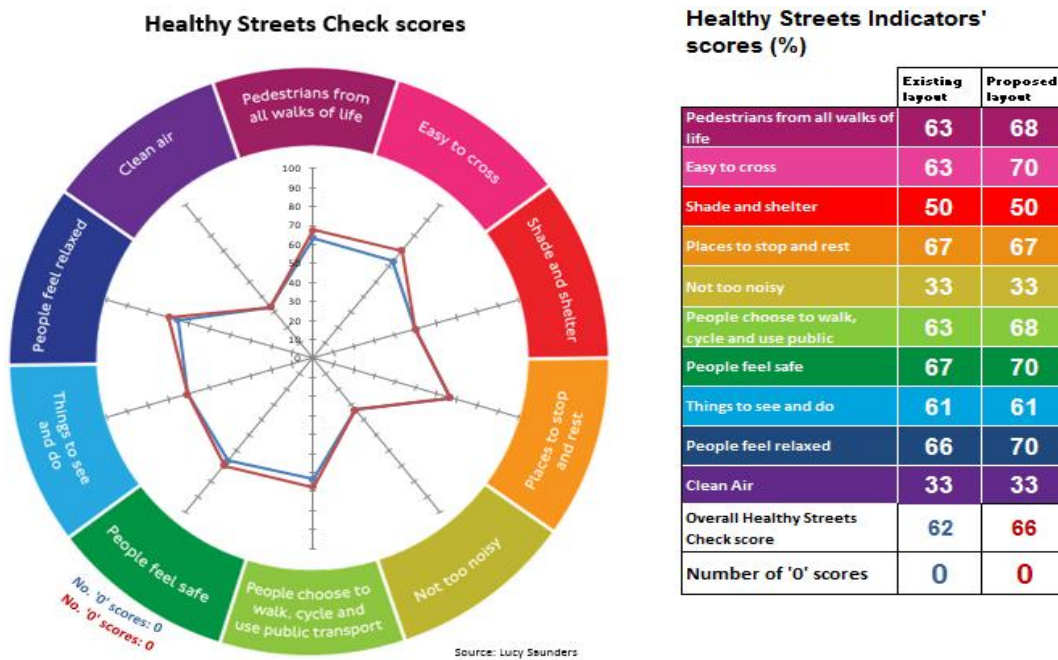
3.2.1. To note, the assessment has been undertaken for both sides (north and south) of Bethnal Green Road as more pedestrians from the site in the future scenario are likely to use both sides following improvements to crossing facilities.

Existing Arrangement (North)

3.2.2. The Healthy Streets audit for Bethnal Green Road (north) baseline arrangement received a score of 62, scoring well on effective footway widths, lighting, surveillance. No metrics scored zero but the link achieved lower scores in relation to noise and clean air.

Proposed Arrangement (North)

3.2.3. The Healthy Streets audit for the proposed Bethnal Green (north) interface arrangement received a score of 64 with no metrics scoring zero. The proposals incorporate a new zebra crossing facility improving desire lines while the scheme provides additional cycle parking facilities throughout.



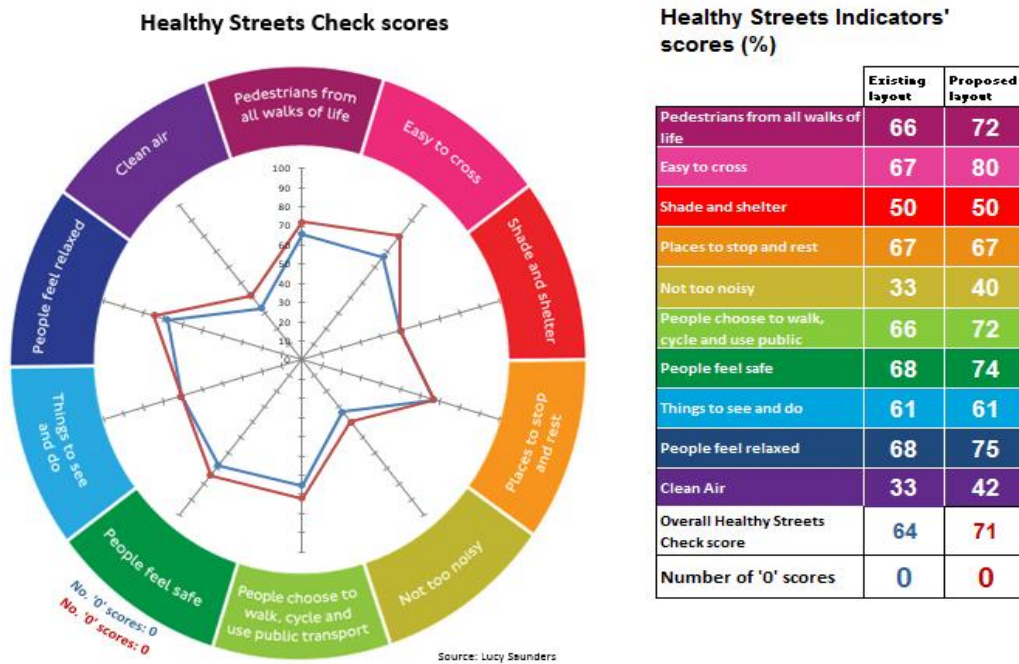
3.2.4. It is concluded that the Bethnal Green (north) interface score well in both the existing and proposed scenarios when assessed using the Healthy Streets Audit. The proposals do not significantly alter how pedestrians interact with the Bethnal Green (north) as the existing infrastructure creates a healthy environment for all users. As highlighted, the introduction of a new zebra crossing facility significantly improves pedestrian flow across a main desire line while reducing demand for the signalised crossings at Bethnal Green’s junction with Shoreditch High Street.

Existing Arrangement (south)

3.2.5. Similar to above, the Healthy Streets audit for Bethnal Green Road (south) baseline arrangement adjacent to the site received a score of 64, scoring well on effective footway widths, lighting, surveillance, kerbside activity and bus facilities. No metrics scored zero but the link achieved lower scores in relation to noise and clean air.

Proposed Arrangement (south)

3.2.6. The Healthy Streets audit for the proposed Bethnal Green (south) interface arrangement received a score of 71 with no metrics scoring zero. The improved score relates to improved crossing facilities as identified above along with improved footway quality including widths and implementation of side road vehicle restrictions.



It is concluded that the proposals would significantly improve the quality of Bethnal Green Road (south) when focussing on the 10 Healthy Street indicators.

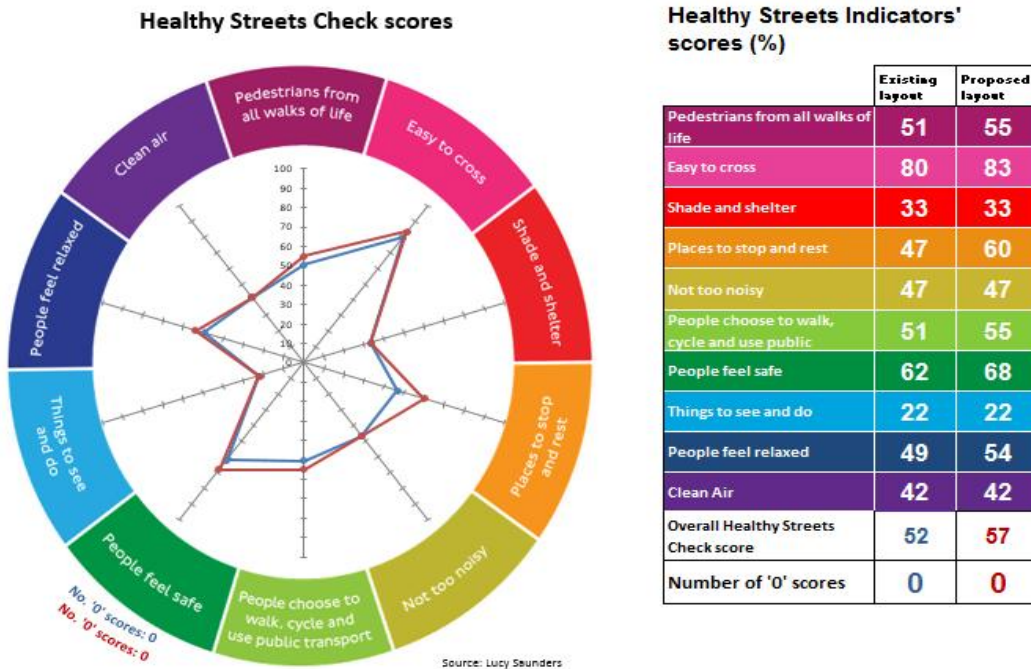
3.3 SCLATER STREET

Existing Arrangement

3.3.1. The Healthy Streets audit for Sclater Street baseline arrangement received a score of 52, scoring well on effective footway widths, lighting and pedestrian comfort. No metrics scored zero but the link achieved lower scores in relation air quality (NO2 levels), landscaping and surveillance.

Proposed Arrangement

3.3.2. The Healthy Streets audit for the proposed Sclater Street interface arrangement received a score of 57 with no metrics scoring zero. The proposed scheme results in new improved footway widths with associated landscaping while improving natural surveillance and active frontage for all users. Furthermore, the proposals improve pedestrian permeability through the promotion of new mid link connection through the scheme.



3.3.3. It is concluded that the proposals would significantly improve the Healthy Street credentials of Sclater Street improving the existing scenario.

3.4 BRICK LANE

Existing Arrangement

3.4.1. The Healthy Streets audit for Brick Lane baseline arrangement received a score of 55, scoring well on effective footway widths, pedestrian comfort and light traffic levels. No metrics scored zero but the link achieved lower scores in relation air quality (NO2 levels), landscaping and surveillance.

Proposed Arrangement

3.4.2. The Healthy Streets audit for the proposed Brick Lane interface arrangement received a score of 59 with no metrics scoring zero. The proposed scheme results in new improved footway widths with associated landscaping while improving natural surveillance and active frontage for all users. The proposals would retain the light levels of traffic on this link. Furthermore, the proposals improve pedestrian permeability through the promotion of new mid link connection through the scheme.



3.4.3. In conclusion, the proposals would significantly improve the Healthy Street credentials of Brick Lane improving on the well scoring existing scenario.

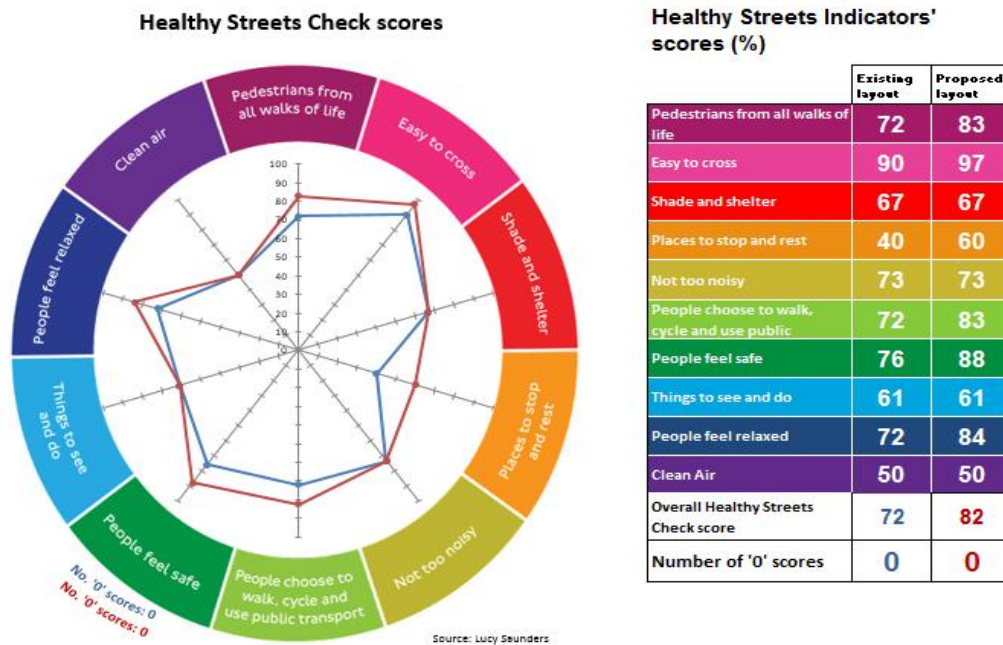
3.5 BRAITHWAITE STREET

Existing Arrangement

3.5.1. The Healthy Streets audit for Braithwaite Street baseline arrangement received a score of 72, scoring well due to its proximity to public transport services and pedestrian dominant nature being a lightly trafficked street due to the vehicular restrictions imposed. No metrics scored zero but the link achieved lower scores in relation air quality (NO2 levels) and lack of greenery.

Proposed Arrangement

3.5.2. The Healthy Streets audit for the proposed Braithwaite Street interface arrangement received a score of 82 with no metrics scoring zero. The proposed scheme would result in Braithwaite Street becoming a key north south link through the site connecting the new east west links to Shoreditch High street and Brick Lane. The link will be significantly improved to accommodate all users while associated landscaping and active frontage will ensure people feel safe and relaxed.



3.5.3. It is concluded that Braithwaite Street will significantly benefit from the proposed scheme while becoming an integral part of scheme connecting users to new facilities and links improving permeability in the area.

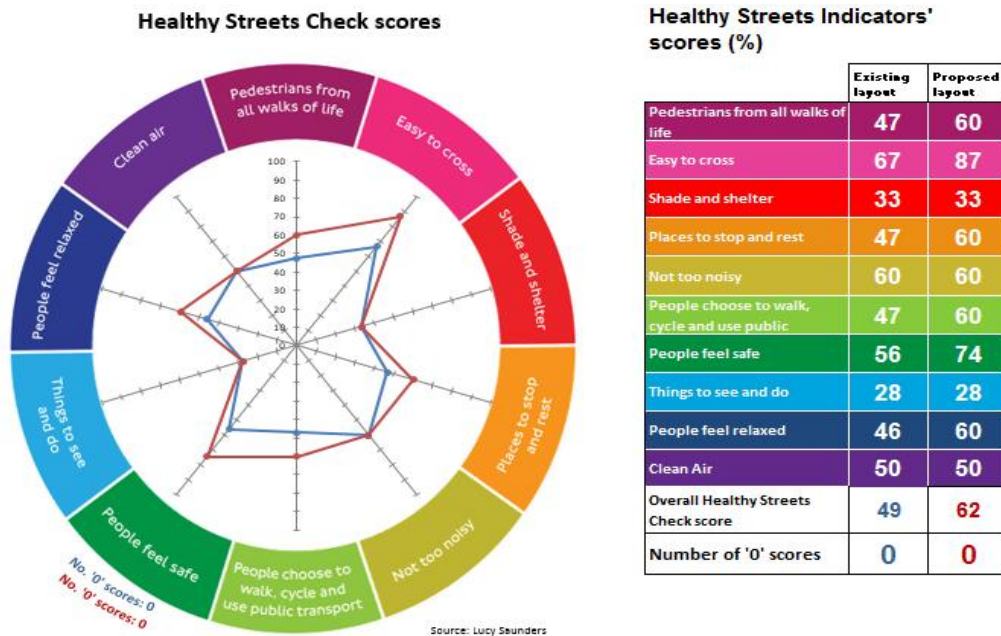
3.6 QUAKER STREET

Existing Arrangement

3.6.1. The Healthy Streets audit for Quaker Street baseline arrangement received a score of 49, scoring well due to its lightly trafficked nature due to the one-way restricts present on street. No metrics scored zero but the link achieved lower scores in relation air quality (NO2 levels) and lack of greenery.

Proposed Arrangement

3.6.2. The Healthy Streets audit for the proposed Quaker Street interface arrangement received a score of 62 with no metrics scoring zero. The proposed scheme would see Quaker Street retain the existing vehicular restrictions while the level of proposed vehicular trips would still result in a lightly trafficked street. The proposals would upgrade the quality of the footway adjacent to the scheme while increasing natural surveillance, active frontage and permeability.



3.6.3. It is concluded that Quaker Street will benefit from the proposed scheme by making users feel safer and more relaxed when using the facilities.

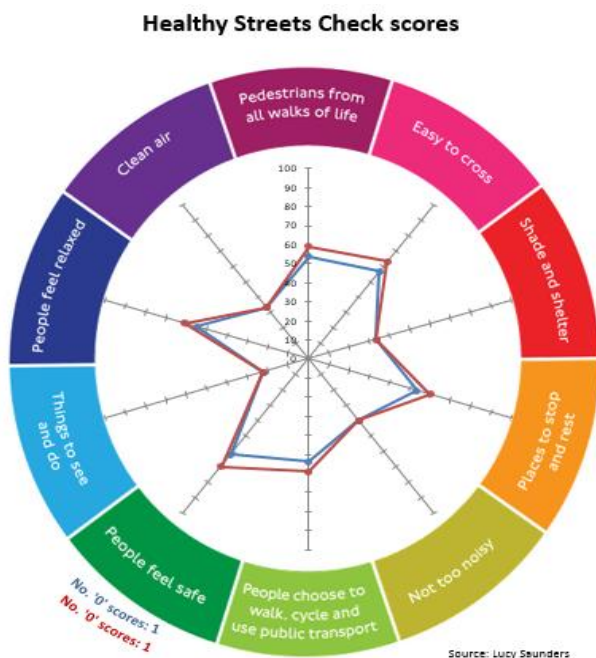
3.7 COMMERCIAL STREET

Existing Arrangement

3.7.1. The Healthy Streets audit for Commercial Street baseline arrangement received a score of 53, scoring well due to its proximity to public transport services, footway provision, controlled crossing facilities and nature surveillance. One metric scored zero due to the level of peak hour vehicles mixing with cycles, however, there are measures in place to aid cyclists where possible including advanced stop lines, cycle lanes, vehicular restrictions and shared use of bus lanes.

Proposed Arrangement

3.7.2. The Healthy Streets audit for the proposed Commercial Street interface arrangement received a score of 58 with one metric scoring zero as above. The proposed scheme would result in footway width improvements while improving natural surveillance and active frontage. Furthermore, the scheme will bring forward improvements at the Commercial Street / Shoreditch High Street signal junction improving user's ability travel though the area.



Healthy Streets Indicators' scores (%)

	Existing layout	Proposed layout
Pedestrians from all walks of life	54	59
Easy to cross	57	63
Shade and shelter	33	33
Places to stop and rest	53	60
Not too noisy	40	40
People choose to walk, cycle and use public	54	59
People feel safe	62	70
Things to see and do	22	22
People feel relaxed	55	61
Clean Air	33	33
Overall Healthy Streets Check score	53	58
Number of '0' scores	1	1

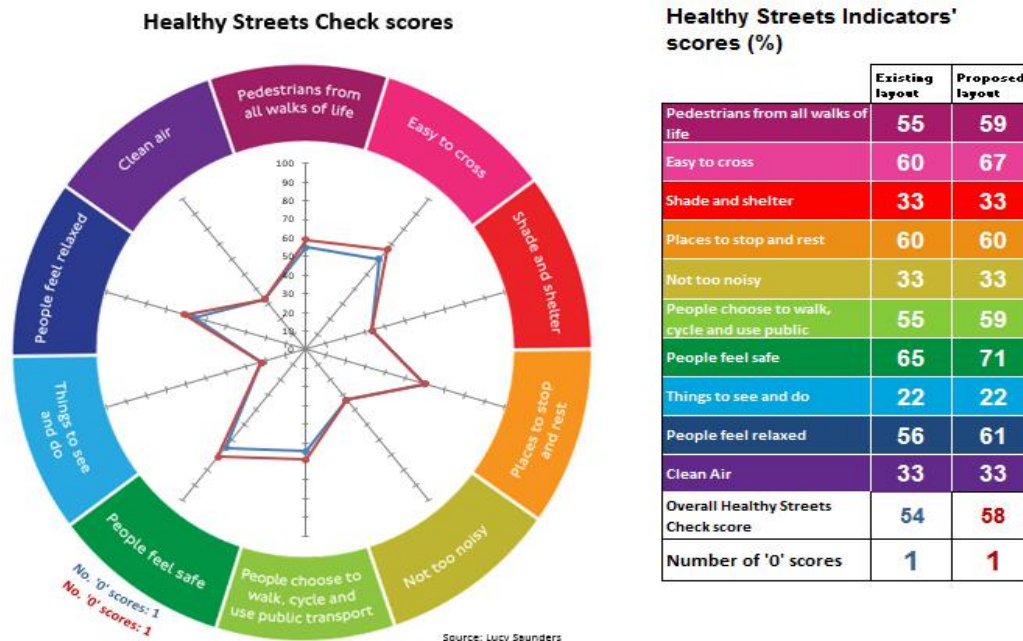
3.8 SHOREDITCH HIGH STREET

Existing Arrangement

3.8.1. The Healthy Streets audit for Shoreditch High Street baseline arrangement received a score of 54, scoring well on effective footway widths, lighting, natural surveillance and connection to public transport services. Similar to above, one metric scored zero in relation to the number of peak hour vehicles mixed with cyclists, however as previously described there are measures in place to aid cyclists where possible.

Proposed Arrangement

3.8.2. The Healthy Streets audit for the proposed Shoreditch High Street interface arrangement received a score of 58 with no metrics scoring zero. The proposed scheme results in significantly improved footway widths adjacent to the site with associated landscaping and new short stay cycle parking facilities. The proposals incorporate a new public realm connecting Shoreditch High Street to the proposed new east west internal links while opening up the area for users to access the new active frontage. Natural surveillance and street lighting would still maintain high scores.



3.8.3. It is concluded that the proposals would significantly improve the Healthy Street credentials of Shoreditch High Street adjacent to the site when compared to the existing scenario. The scheme would open up the street to new links, landscaping and active frontage while generally improving the aesthetic quality of the area improving users perception.

3.9 PROPOSED PUBLIC REALM (INTERNAL LINKS)

3.9.1. As illustrated on Figure 1-3, it is proposed to incorporate two new east west links running through the heart of the scheme in combination with several north south links to maximise the sites permeability. The proposals are considered to significantly improve the existing arrangement creating new opportunities and routes for travel while relieving the peripheral links of existing

demand. The proposals have considered the 10 Healthy Street indicators when designing the new links maximising the benefits of the proposals.

- 3.9.2. As part of the Healthy Streets review, four typical routes from Shoreditch High Street Station have been identified in the existing scenario. A review of the routes has been undertaken while assessing the them against the future proposals. The routes are illustrated in Figure 2-1 and Figure 2-2 described in tern below:

Route 1 – Shoreditch High Street north

- 3.9.3. **Existing Scenario** - users would travel north on Braithwaite Street, west on Bethnal Green Road, cross via the Bethnal Green Road / Shoreditch High Street signalised junction to the footway on Shoreditch High street (east). As identified above, the links involved scored well assessing the Healthy Streets
- 3.9.4. **Proposed Scenario** – users would initially follow the same route north via the upgraded public realm, however, the proposed zebra crossing facility on Bethnal Green Road would be utilised transferring the majority of pedestrians travelling in this direction onto Bethnal Green Road (north). This scenario removes the need for pedestrians to wait at the Bethnal Green Road / Shoreditch High Street signalised junction significantly improving journey times while improving pedestrian priority. See Figure 2-2.

Route 2 – Towards Liverpool Street / Route 3 – Towards Old Street

- 3.9.5. **Existing Scenario** – users would travel south on Braithwaite Street, west on Quaker Street (north) towards the Braithwaite Street / Quaker Street signalised junction where users either continue west towards Old Street or travel south to Liverpool Street. As outlined above, the links scored well when assessed against the 10 Healthy Streets indicators.
- 3.9.6. **Proposed Scenario** – As above, the route would continue south via the upgraded public realm towards Quaker Street or west via the proposed east west link running though the centre of the site. It is envisaged that the upgraded public realm and location retail frontage would encourage people travelling south to Liverpool Street to continue via Wheler Street to the south. In any case, users would have several options resulting from the proposed internal public realm that provides a positive improvement from the existing scenario. See Figure 2-2.

Route 4 – towards Brick Lane

- 3.9.7. **Existing Scenario** – Similar to above, existing users accessing Brick Lane from the Shoreditch High Street Station currently travel north on Braithwaite Street, east on Bethnal Green Road and continuing on Sclater Street to Brick Lane. The results above have indicated the existing links score well when assessed against the 10 Healthy Streets indicators.
- 3.9.8. **Proposed Scenario** – Figure 2-2 illustrates the proposed internal public realm that should significantly improve users route to Brick Lane. The proposals would create a direct route from Shoreditch High Street station to Brick Lane removing the need for uses to travel along Bethnal Green Road and Sclater Road improving journey times while ensuring travel on routes that have been designed with the 10 Healthy Streets Indicators in mind.
- 3.9.9. In summary, the four routes identified currently rely on the peripheral links surrounding the site to access the wider areas of interest. While the existing links scored well when assessed against the 10 Healthy Streets Indicators the proposals would significantly improve the facilities for all users



associated with the scheme itself and the wider area. The proposals provide additional north south and east west links within the site improving permeability in the local area while introducing a zebra crossing facility on Bethnal green Road and improving the two signalised junctions on Shoreditch High street adjacent to the site. It is envisaged that the proposals would ease existing demand on the peripheral links identified in Figure 2-1 resulting from shorter journey times on routes away from vehicular traffic on the local network.





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PUBLIC

**APPENDIX B PCL
THRESHOLDS BY
LAND USE**



Figure 8 Pedestrian Comfort Levels on Footways

Figure 9 summarises which Pedestrian Comfort Level is suitable for different area types for use in the peak hour, and for the Average Maximum Activity level. This table informs the comments generated by the spreadsheet.

	HIGH STREET		OFFICE AND RETAIL		RESIDENTIAL		TOURIST ATTRACTION		TRANSPORT INTERCHANGE	
	Peak	Ave of Max	Peak	Ave of Max	Peak	Ave of Max	Peak	Ave of Max	Peak	Ave of Max
A	COMFORTABLE		COMFORTABLE		COMFORTABLE		COMFORTABLE		COMFORTABLE	
B+	COMFORTABLE		COMFORTABLE		COMFORTABLE		COMFORTABLE		COMFORTABLE	
B	ACCEPTABLE		ACCEPTABLE		ACCEPTABLE		ACCEPTABLE		ACCEPTABLE	
B-	AT RISK		ACCEPTABLE		ACCEPTABLE		AT RISK		ACCEPTABLE	
C+	UNACCEPTABLE/ UNCOMFORTABLE		ACCEPTABLE		AT RISK	AT RISK	UNACCEPTABLE/ UNCOMFORTABLE		ACCEPTABLE	
C-			AT RISK	AT RISK	AT RISK	AT RISK				
D			AT RISK	AT RISK	UNACCEPTABLE/ UNCOMFORTABLE	AT RISK				
E	UNACCEPTABLE/ UNCOMFORTABLE		AT RISK	AT RISK	UNACCEPTABLE/ UNCOMFORTABLE	UNACCEPTABLE/ UNCOMFORTABLE	UNACCEPTABLE/ UNCOMFORTABLE	AT RISK	AT RISK	
	Peak and Average of Maximum Activity levels have similar guidance as people visiting retail areas stated they were particularly sensitive to crowding.		The “at risk” level is set at a lower PCL during the Average of Maximum Activity than peak flows. This is because of the greater number of single travellers and the short duration of maximum activity.		The “at risk” level is set at a lower PCL than peak flows in Residential Areas to reflect the short time this is likely to occur. A site visit to Residential sites is particularly important to check if there is school activity or a bus stand in the area.		Peak and Average of Maximum Activity levels have similar guidance as people visiting tourist areas are likely to be particularly sensitive to crowding		The “at risk” level is set at a lower PCL during the Average of Maximum Activity than peak flows. This is because of the greater number of single travellers and the short duration of maximum activity.	

Figure 9 Guidance for different area types

**APPENDIX C 2018
PEDESTRIAN SURVEY
DATA**

Project Number: TSP13888
 Project Name: Shoreditch, East London
 Survey Type: Pedestrian Count
 Site No: 1
 Location: Shoreditch High Street Station
 Date: 21 Jun 2018, Thursday



Time	Exiting the Shoreditch High Street Station							Entering the Shoreditch High Street Station					
	C to A		C to B		C to C		C to D	A to C		B to C		D to C	
	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	
07:30 - 09:30													
07:30	12		14				34		7			1	
07:35	10		29				35		7		2	9	
07:40	7		39				71		6			13	
07:45	5		30				78		7		3	10	
07:50	5		24				50		9		4	10	
07:55	7		43				80		6		7	13	
H/Total	46	0	179	0	0	0	348	0	42	0	16	56	
08:00	11		34				108		8		5	9	
08:05	5		50				100		6		5	16	
08:10	1		20				39		8		4	9	
08:15	17		55				145		5		7	9	
08:20	8		79				157		6		2	16	
08:25	2		52				81		5		4	11	
08:30	4		57				73		8		5	13	
08:35	1		53				38		9		5	21	
08:40	10		119				318		5		6	13	
08:45	8		114				234		12		3	8	
08:50	5		131				221		10		2	6	
08:55	5		90				160		3		3	15	
H/Total	77	0	854	0	0	0	1674	0	85	0	51	146	
09:00	5		69				116		10		4	17	
09:05	17		92				161		3		1	11	
09:10	4		43				105		4		3	9	
09:15	12		45				130		3		2	9	
09:20	15		94				188		8		4	7	
09:25	9		75				159		4		3	4	
H/Total	62	0	418	0	0	0	859	0	32	0	17	57	
Total	185	0	1451	0	0	0	2881	0	159	0	84	259	
12:00 - 14:00													
12:00	6		9				17		8		6	18	
12:05	3		6				22		35		6	11	
12:10	9		9				23		10		6	15	
12:15	6		7				13		8		9	15	
12:20	10		11				20		11		9	8	
12:25	10		17				37		5		7	8	
12:30	7		10				14		16		5	12	
12:35	10		12				45		29		3	12	
12:40	73		13				20		36		6	13	
12:45	3		11				18		11		5	10	
12:50	36		10				24		9		5	11	
12:55	5		15				18		5		10	8	
H/Total	178	0	130	0	0	0	271	0	183	0	77	141	
13:00	4		16				28		9		11	10	
13:05	10		30				20		5		5	13	
13:10	8		11				41		5		6	25	
13:15	4		9				20		9		8	17	
13:20	10		13				32		9		6	24	
13:25	11		8				23		10		5	17	
13:30	3		11				19		10		5	14	
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13:55	9		15				18		9		4	28	
H/Total	80	0	144	0	0	0	267	0	102	0	83	219	
Total	258	0	274	0	0	0	538	0	285	0	160	360	
17:00 - 20:00													
17:00	8		2				30		11		40	59	
17:05	9		9				29		10		47	73	
17:10	11		15				46		5		25	75	
17:15	11		9				20		10		30	90	
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17:40	11		16				33		13		34	103	
17:45	11		9				65		22		50	90	
17:50	18		19				50		12		65	73	
17:55	12		8				23		20		35	100	
H/Total	133	0	154	0	0	0	452	0	155	0	467	1040	
18:00	11		26				59		15		44	85	
18:05	10		13				67		10		62	92	
18:10	2		5				15		25		61	100	
18:15	25		34				66		16		50	64	
18:20	12		11				57		17		44	72	
18:25	20		13				56		13		28	82	
18:30	15		24				73		16		37	38	
18:35	18		20				28		16		39	80	
18:40	20		22				33		19		23	69	
18:45	15		18				70		18		27	68	
18:50	15		18				72		13		25	58	
18:55	10		23				73		13		20	52	
H/Total	173	0	227	0	0	0	669	0	192	0	460	860	
19:00	15		7				74		14		36	79	
19:05	18		20				47		25		21	44	
19:10	11		8				56		17		19	65	
19:15	16		21				35		11		19	70	
19:20	12		16				53		20		22	52	
19:25	12		15				61		20		31	53	
19:30	10		10				41		11		10	72	
19:35	12		4				47		12		23	61	
19:40	10	1	4				49		5		31	64	
19:45	8		5				42		17		28	57	
19:50	17		7				43		12		30	51	
19:55	10		15				59		22		13	60	
H/Total	151	1	140	0	0	0	607	0	186	0	283	728	
Total	457	1	521	0	0	0	1728	0	533	0	1210	2628	

Project Number: TSP13888
 Project Name: Shoreditch, East London
 Survey Type: Pedestrian Count
 Site No: 2
 Location: Bethnal Green Road
 Date: 21 Jun 2018, Thursday



Time	Footpath 1				Footpath 2			
	East		West		East		West	
	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy
07:30 - 09:30								
07:30	13		15		5		31	
07:35	8		28		8		50	
07:40	10		30	1	6		55	
07:45	8		27		8		56	
07:50	9		40		7		67	
07:55	10		42	1	11		61	
H/Total	58	0	182	2	45	0	320	0
08:00	5		39		9		45	
08:05	10		53		10		57	
08:10	5		32		8		40	
08:15	10		70		5		100	
08:20	8		74		4		105	
08:25	6		43	1	9		65	
08:30	10		106		10		154	
08:35	8		41		20		200	
08:40	6		106		7		130	
08:45	12		144		7		155	
08:50	8		145		5		150	
08:55	13		100		5		92	
H/Total	101	0	953	1	99	0	1293	0
09:00	15		86		4		64	
09:05	8		67		6		55	
09:10	21		87		4		77	
09:15	14		61		8	1	91	
09:20	22		105		8		110	
09:25	11		71		6		60	
H/Total	91	0	477	0	36	1	457	0
Total	250	0	1612	3	180	1	2070	0
12:00 - 14:00								
12:00	23		20		31		24	
12:05	34		22		36		36	
12:10	34		10	1	41		16	
12:15	45		22		31		16	
12:20	20		22		34		21	
12:25	19		27		29	1	23	
12:30	78		17		27		36	
12:35	50		23		47		36	
12:40	47		44		33		37	
12:45	51		30		35		42	
12:50	52		35		45		84	
12:55	55		46		36	1	41	
H/Total	508	0	318	1	425	2	412	0
13:00	49		43		29		38	
13:05	43	1	31		30		35	
13:10	48		24		43		42	
13:15	32	1	26		35		27	
13:20	31		43		35		55	
13:25	53		37		32		47	
13:30	29		44		39		51	
13:35	40		26		60		41	
13:40	26		36		32		40	
13:45	51		45		40		61	
13:50	29		39		28		32	
13:55	43	1	51		54		38	
H/Total	474	3	445	0	457	0	507	0
Total	982	3	763	1	882	2	919	0
17:00 - 20:00								
17:00	36		27	1	73		71	
17:05	56		31		77		30	
17:10	56	1	27		93		37	
17:15	51		22		83		63	
17:20	50		37		114		46	
17:25	53		16		81		37	
17:30	46		26		60		43	
17:35	60		40		102		41	
17:40	61		20		110		50	
17:45	72		25		115		72	
17:50	66		47		102		64	
17:55	79		39		94		68	
H/Total	686	1	357	1	1104	0	622	0
18:00	74		33		118		60	
18:05	96		42		162		70	
18:10	104		42		145		58	
18:15	93		58		121		76	
18:20	148		30		119		60	
18:25	86		24		135		57	
18:30	80		41		66		85	
18:35	79		23		130		65	
18:40	81		22		115		45	
18:45	73		33		93		75	
18:50	74		20		85		55	
18:55	57		29	1	96		115	
H/Total	1045	0	397	1	1385	0	821	0
19:00	79		39		92		38	
19:05	57		25		65		75	
19:10	68		17		90		60	
19:15	65		24		68		50	
19:20	68		35		74		62	
19:25	49	1	18		82		65	
19:30	44		30		85		45	
19:35	41		20		75		78	
19:40	49		21		95		63	
19:45	41		24		80		64	
19:50	23		39		76		63	
19:55	37		19		47		60	
H/Total	621	1	311	0	929	0	723	0
Total	2352	2	1065	2	3418	0	2166	0

Project Number: TSP13888
 Project Name: Shoreditch, East London
 Survey Type: Pedestrian Count
 Site No: 3
 Location: Sclater Street
 Date: 21 Jun 2018, Thursday



Time	Footpath 1				Footpath 2			
	East		West		East		West	
	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy
07:30 - 09:30								
07:30	3		4		3		3	
07:35	1		14		5		1	
07:40	1		6		3		4	
07:45	3		6		2			
07:50	2		11		3		7	
07:55	9		14		2		2	
H/Total	19	0	55	0	18	0	17	0
08:00	1		9		7		5	
08:05	4		8		1	1	2	
08:10	6		17		3		6	
08:15	5		23		2		4	
08:20	4		26		2		2	
08:25	2		23		5		10	
08:30	7		18				4	
08:35	3		23		6		2	
08:40	3		23		7		4	
08:45	12		24		1		9	
08:50	2		20		2		10	
08:55	3		16		11		6	
H/Total	52	0	230	0	47	1	64	0
09:00	2		22		3		8	
09:05	2		16		2		2	
09:10	12		13		5		9	
09:15	4		15		4		7	
09:20	5		10		11		2	
09:25	7		13		5		4	
H/Total	32	0	89	0	30	0	32	0
Total	103	0	374	0	95	1	113	0
12:00 - 14:00								
12:00	16		9		3		9	
12:05	15		5		7		9	
12:10	15		2		16		7	
12:15	4		9		12		16	
12:20	19		11		12			
12:25	4		16		8		5	
12:30	12		10		21		6	
12:35	20		7		18		6	
12:40	13		10		8		22	
12:45	12		4		5		25	
12:50	25		5		11		7	
12:55	7		15		16		16	
H/Total	162	0	103	0	137	0	128	0
13:00	18		9		9		14	
13:05	12		13		15		11	
13:10	10		6		11		16	
13:15	34		10		10		8	
13:20	18		15		11		13	
13:25	10		4		10		15	
13:30	16		11		15		12	
13:35	21		10		12		12	
13:40	10		12		12		8	
13:45	14		11		4		13	
13:50	24		13		11		16	
13:55	19		12		9		7	
H/Total	206	0	126	0	129	0	145	0
Total	368	0	229	0	266	0	273	0
17:00 - 20:00								
17:00	21		19		7		7	
17:05	12		14		10		7	
17:10	23		7		12		12	
17:15	22		11		5		9	
17:20	15		21		5		12	
17:25	23		7		18		16	
17:30	30		13		9		7	
17:35	13		14		7		1	
17:40	19		19		14		6	
17:45	24		12		13		6	
17:50	19		23		9		10	1
17:55	24		8		10		11	
H/Total	245	0	168	0	119	0	104	1
18:00	27		6		15		11	
18:05	28		13		18		6	
18:10	38		27		11		14	
18:15	59		17		15		8	
18:20	27		8		14		9	
18:25	41		13		8		13	
18:30	37		12		10		10	
18:35	23		20		13		13	
18:40	26		16		23		18	
18:45	35		6		18		7	
18:50	23		19		18		13	
18:55	16		23		14		11	
H/Total	380	0	180	0	177	0	133	0
19:00	18		5		15		8	
19:05	20		12		14		16	
19:10	14		9		20		6	
19:15	24		17		27		9	
19:20	40		27		17		10	1
19:25	32		23		20		9	
19:30	19		8		26		13	
19:35	22		3		5		15	
19:40	23		3		23		11	
19:45	11		15		10		1	
19:50	31		17		12		7	
19:55	20		12		8		9	
H/Total	274	0	151	0	197	0	114	1
Total	899	0	499	0	493	0	351	2

Project Number: TSP13888
 Project Name: Shoreditch, East London
 Survey Type: Pedestrian Count
 Site No: 4
 Location: Brick Lane
 Date: 21 Jun 2018, Thursday



Time	Footpath 1				Footpath 2			
	North		South		North		South	
	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy
07:30 - 09:30								
07:30	3		9					
07:35	1		11		1			
07:40	1		8		1		3	
07:45	4		9				2	
07:50	6		18				2	
07:55	6		14				1	
H/Total	21	0	69	0	2	0	8	0
08:00	3		14		2		3	
08:05	7		24		2		3	
08:10	7		23		3		2	
08:15	7		16		4		1	
08:20	9		31		7		4	
08:25	7		18		3		15	1
08:30	5		19		8		15	
08:35	5		28		1		27	
08:40	2		21		4		24	
08:45	15		22		3		37	
08:50	13		23		4		32	
08:55	11		27		4		19	
H/Total	91	0	266	0	45	0	182	1
09:00	9		19		1		27	1
09:05	10		23		8		14	
09:10	14		15		2		19	
09:15	18		16		3		17	
09:20	9		21		6		4	
09:25	9		11		1		15	
H/Total	69	0	105	0	21	0	96	1
Total	181	0	440	0	68	0	286	2
12:00 - 14:00								
12:00	28		23		4		10	
12:05	26		28		3		9	
12:10	21		19		2		11	
12:15	29		27		4		11	
12:20	36		31		4		19	
12:25	37		36		3		14	
12:30	47		26		12		16	
12:35	35		24		15		27	
12:40	35		40		27		9	
12:45	34		37		10		12	
12:50	40		50		14		20	
12:55	47		30		10		11	
H/Total	415	0	371	0	108	0	169	0
13:00	32		19		23		19	
13:05	39		36		14		14	
13:10	71		21		11		5	
13:15	55		35		15		24	
13:20	44		37		21		15	
13:25	38		35		10		30	
13:30	42		45		17		13	
13:35	65		42		13		25	
13:40	34		28		13		29	
13:45	48		28		9		28	
13:50	28		33		6		16	
13:55	35		57		24		14	
H/Total	531	0	416	0	176	0	232	0
Total	946	0	787	0	284	0	401	0
17:00 - 20:00								
17:00	69		30		20		37	
17:05	41		24		20		33	
17:10	20		30		28		31	
17:15	30		36		26		24	
17:20	49		24		45		35	
17:25	28		35		22		41	
17:30	36		40		24		27	
17:35	43		37		33		25	
17:40	53		32		31		36	
17:45	43		39		23		34	
17:50	46		36		38		36	
17:55	53		44		26		34	
H/Total	511	0	407	0	336	0	393	0
18:00	49		37		33		29	
18:05	36		31		42		23	
18:10	38		44		48		24	
18:15	39		38		48		38	
18:20	36		42		41		33	
18:25	41		26		25		32	
18:30	41	1	42		17		21	
18:35	43		60		39		36	
18:40	27		57		30		45	
18:45	41		65		25		33	1
18:50	28		25		38		51	
18:55	58		76		47		41	
H/Total	477	1	543	0	433	0	406	1
19:00	51		51		29		47	
19:05	41		62		20		34	
19:10	36	1	40		23		24	
19:15	33		42		31		43	
19:20	48		40		30		24	
19:25	38		44		33		31	
19:30	39		25		38		23	
19:35	38		35		32		33	
19:40	35		53		16		20	
19:45	32		33		20		40	
19:50	43		42		11	1	28	
19:55	46		40		38		34	
H/Total	480	1	507	0	321	1	381	0
Total	1468	2	1457	0	1090	1	1180	1

Project Number: TSP13888
 Project Name: Shoreditch, East London
 Survey Type: Pedestrian Count
 Site No: 5
 Location: Shoreditch High Street
 Date: 21 Jun 2018, Thursday



Time	Footpath 1				Footpath 2			
	North		South		North		South	
	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy
07:30 - 09:30								
07:30	4		37		14		10	1
07:35	10		45		6		17	
07:40	11		53	2	10		14	
07:45	12		64		8		14	
07:50	13		74		10		17	
07:55	17		75		12		16	
H/Total	67	0	348	2	60	0	88	1
08:00	21		60		10		15	
08:05	15		70	1	5		21	
08:10	10		84		21		14	
08:15	11		100		17		14	
08:20	10		95		26		17	
08:25	17		97		11		24	
08:30	10		120		22		35	
08:35	13		72		19		26	
08:40	18		118		23		37	
08:45	21		135		24		26	1
08:50	20		125		25		31	
08:55	15		105		18		20	
H/Total	181	0	1181	1	221	0	280	1
09:00	15		75		29	1	12	
09:05	17		80		19		17	
09:10	22		62		30		14	
09:15	29		58		22		18	
09:20	13		58		25		14	
09:25	12		56		18		23	
H/Total	108	0	389	0	143	1	98	0
Total	356	0	1918	3	424	1	466	2
12:00 - 14:00								
12:00	42		38		21		18	
12:05	26		35		20		17	
12:10	42		27		16		28	
12:15	48		30		39		20	
12:20	50		40		35		20	
12:25	52		54		22		25	
12:30	45		56		23		30	
12:35	58		53		30		17	
12:40	40		66		34		29	
12:45	49		51		23		26	
12:50	51		46		10		41	
12:55	54		52		15		30	
H/Total	557	0	548	0	288	0	301	0
13:00	32		76		28		19	
13:05	54		72		33		29	
13:10	47		55		36		43	
13:15	30		66		40		16	
13:20	48		52		41		33	
13:25	28		68		26		19	
13:30	46		66		33		26	
13:35	61		63		27		29	
13:40	20		40		17		26	
13:45	45		57		28		25	
13:50	44		44		18		27	
13:55	46		70		35		29	
H/Total	501	0	729	0	362	0	321	0
Total	1058	0	1277	0	650	0	622	0
17:00 - 20:00								
17:00	35		58		27		24	
17:05	58	1	38		29		29	
17:10	72		44		29		33	
17:15	104		60	2	28		30	
17:20	74		58		31		27	
17:25	72		45		22		18	
17:30	80		68		39		19	
17:35	102		64		26		23	
17:40	66		68		39		40	
17:45	88		70		41		21	
17:50	82		72		43		20	
17:55	84		78		51		21	
H/Total	917	1	723	2	405	0	305	0
18:00	90		89		62		35	
18:05	102		82		63		34	
18:10	107		85		56		36	
18:15	110		80		44		34	1
18:20	130		70		51		26	
18:25	110		77		53		36	
18:30	80		70		45		17	
18:35	115		75		51		25	
18:40	105		65		77		16	1
18:45	90		65		52		20	
18:50	75		55		57		41	
18:55	85		60		46		25	
H/Total	1199	0	873	0	657	0	345	2
19:00	80		60		54		24	
19:05	105		75		37		25	
19:10	95		65		55		24	
19:15	105		65		48		30	
19:20	85		55		69		12	1
19:25	103		50		26		15	
19:30	85		45		21		15	
19:35	60		55		29		27	
19:40	60		45		42		16	
19:45	67		50		26		23	
19:50	75		60		27		19	
19:55	73		55		24		9	
H/Total	993	0	680	0	458	0	239	1
Total	3109	1	2276	2	1520	0	889	3

Project Number: TSP13888
 Project Name: Shoreditch, East London
 Survey Type: Pedestrian Count
 Site No: 6
 Location: Commercial Street
 Date: 21 Jun 2018, Thursday



Time	Footpath 1				Footpath 2			
	North		South		North		South	
	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy
07:30 - 09:30								
07:30	3		7		2	1	3	
07:35	2		5		5		7	
07:40	6		3		7	1	4	1
07:45	1		8		8		4	
07:50	3		7		3		3	
07:55	7		2		3		7	
H/Total	22	0	32	0	28	2	28	1
08:00	9		8		4		2	
08:05	6		6		10		3	
08:10	9		7		13	1	4	
08:15	9		7		9		4	
08:20	11		9		10	2	6	
08:25	6		9		14	1	1	
08:30	9		17		15	2	8	
08:35	8		18		16		5	
08:40	17		15		18		8	
08:45	21		18		15		5	
08:50	17		18		11		15	
08:55	13		20		24	2	9	
H/Total	135	0	152	0	159	8	70	0
09:00	18		14		15	6	7	1
09:05	9		13		10		6	
09:10	6	1	8		9		5	
09:15	8		12		18		4	
09:20	11		13		10	1	10	
09:25	13		10		11		8	
H/Total	65	1	70	0	73	7	40	1
Total	222	1	254	0	260	17	138	2
12:00 - 14:00								
12:00	6		13		6		4	
12:05	10		15		8	1	3	
12:10	8		17		16		9	
12:15	7		21		10		7	
12:20	11		8		11		7	
12:25	11		8		4		3	
12:30	13		26		8		13	
12:35	10		29		10		9	
12:40	12		28		13		6	
12:45	10		25		14		13	
12:50	12		7		8		20	
12:55	8		18		14		13	
H/Total	118	0	218	0	111	1	107	0
13:00	12		13		11	1	17	
13:05	14		16		16		10	
13:10	14		28		15		16	
13:15	16		35		14		12	
13:20	15		14		21		19	
13:25	13		25		13		8	
13:30	24		25		9		8	
13:35	22		8		2		9	
13:40	10		26		8	1	14	
13:45	15		10		10		8	
13:50	15		13		11		9	
13:55	14		20		12		15	
H/Total	184	0	233	0	142	2	145	0
Total	302	0	451	0	253	3	252	0
17:00 - 20:00								
17:00	9		19		6		10	
17:05	22		17		9		7	
17:10	21		29		11		14	
17:15	10	1	12		15		16	
17:20	14		25		20		21	
17:25	21		36		10		11	
17:30	15		23		10	1	6	
17:35	20		13		9	1	12	
17:40	16		29		16		11	
17:45	18		15		13		15	
17:50	18	1	24		14	3	5	
17:55	20		14		16		20	
H/Total	204	2	256	0	149	5	148	0
18:00	40		24		16		21	
18:05	29	1	22		18	1	20	
18:10	20		40		21		47	
18:15	29		31		11		39	
18:20	32		27		13		23	
18:25	20		25		17	1	21	
18:30	22		21		24		16	
18:35	18		28		18	2	17	
18:40	17		24		18	2	18	
18:45	20		24		13		34	
18:50	28		25		13	1	7	
18:55	22		22		21		12	
H/Total	297	1	313	0	203	7	275	0
19:00	19		30		18		12	
19:05	35		19		14	1	23	
19:10	28		18		7	1	13	
19:15	11		30		11		20	
19:20	27		16		8		16	
19:25	20		10		11		5	
19:30	6		16		8		11	
19:35	13		10		13		9	
19:40	44		15		5		15	
19:45	17		8		12		9	
19:50	15		23		9		15	
19:55	16		10		17		15	
H/Total	251	0	205	0	133	2	163	0
Total	752	3	774	0	485	14	586	0

Project Number: TSP13888
 Project Name: Shoreditch, East London
 Survey Type: Pedestrian Count
 Site No: 7
 Location: Quaker Street
 Date: 21 Jun 2018, Thursday



Time	Footpath 1				Footpath 2			
	East		West		East		West	
	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy
07:30 - 09:30								
07:30	4		2		2		1	
07:35	8		6		3		2	
07:40	6	1	2	1	2		1	
07:45	3		6		1		2	
07:50	3		3		1		1	
07:55	4		6		2		2	
H/Total	28	1	25	1	11	0	9	0
08:00	1		6		1		3	
08:05	4		3	1	2		1	
08:10	6	1	7		3		3	
08:15	4		5		2		2	
08:20	2		7		1		3	
08:25	1		6	2	0		2	1
08:30	2		6	2	1		3	1
08:35	3		4	3	1		2	1
08:40	2		6	3	1		3	1
08:45	2	1	6	1	1		2	
08:50	6	1	8		2		4	
08:55	6		7	1	2		3	1
H/Total	39	3	71	13	17	0	31	5
09:00	8		5	1	3		2	
09:05	5		2	1	2		1	
09:10	4	1	4	1	2		2	1
09:15	4		4	2	2		2	1
09:20	5		2	1	2		1	
09:25	5		4		2		2	
H/Total	31	1	21	6	13	0	10	2
Total	98	5	117	20	41	0	50	7
12:00 - 14:00								
12:00	6		4		3		2	
12:05	5		5	1	2		2	
12:10	7		3		3		1	
12:15	5		4	1	2		2	
12:20	4		8		3		4	
12:25	7		8	1	3		3	
12:30	5		8		2		4	
12:35	4		6		2		3	
12:40	5	1	7	1	2		3	
12:45	6		8	1	3		4	
12:50	5		6		2		2	
12:55	6		4		2		2	
H/Total	65	1	71	5	28	0	32	0
13:00	5		5		2		2	
13:05	4		4	1	2		2	
13:10	7		5	1	3		2	
13:15	6		5		3		2	
13:20	8		3		3		1	
13:25	4		4		2		2	
13:30	5	1	4		2		2	
13:35	6		4		2		2	
13:40	8	1	5		4		2	
13:45	4		6		2		2	
13:50	5		4		2		2	
13:55	6		4		3		2	
H/Total	68	2	53	2	30	0	23	0
Total	133	3	124	7	58	0	55	0
17:00 - 20:00								
17:00	4		13	1	2		6	1
17:05	9		8		4		4	
17:10	16	1	10	1	7		4	
17:15	6		4	1	3		2	
17:20	5		4	1	2		2	
17:25	10		6		4		3	
17:30	7		2	1	3		1	
17:35	6		6	1	3		2	1
17:40	7		6	1	3		3	
17:45	7		6	1	3		2	
17:50	8		3	1	3		1	
17:55	12		11	1	5		5	
H/Total	97	1	79	10	42	0	35	2
18:00	6		8	1	2		3	1
18:05	11	1	8		5	1	4	
18:10	6		8	1	2		4	
18:15	21	1	7		9		3	
18:20	6		9		2		4	
18:25	7		6		3		2	
18:30	7	1	7	1	3		3	
18:35	8		4		4		2	
18:40	7	1	3	1	3		1	
18:45	13	1	4	2	5		2	1
18:50	4		8	1	2		3	
18:55	20	1	8	1	8	1	3	
H/Total	116	6	80	8	48	2	34	2
19:00	8		14	3	3		6	1
19:05	6		8	1	2		3	
19:10	14		6	1	6		3	
19:15	13		8	1	5		4	
19:20	6		9		2		4	
19:25	7		8		3		4	
19:30	6		9		2		4	
19:35	13		10	1	5		4	
19:40	7		14		3		6	
19:45	6		8		3		3	
19:50	7		8	1	3		4	
19:55	15		4		6		2	
H/Total	108	0	106	8	43	0	47	1
Total	321	7	265	26	133	2	116	5

Project Number: TSP13888
 Project Name: Shoreditch, East London
 Survey Type: Pedestrian Count
 Site No: 8
 Location: Shoreditch High Street / Bethnal Green Road / Holywell Lane
 Date: 21 Jun 2018, Thursday



Time	Arm A				Arm B				Arm C				Arm D			
	East		West		North		South		East		West		North		South	
	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy
07:30 - 09:30																
07:30	7		15		17		19	2	1		3		14		13	1
07:35	4		34		19		18			3		8		15		
07:40	7		38		27		17			4		11		15		
07:45	8		20		25		26	1				11		15		
07:50	10		56		27		22		2		5		9		14	
07:55	6		39		27		23		1			12		15		
H/Total	42	0	202	0	142	0	125	3	4	0	15	0	65	0	87	1
08:00	12		30		28		20		1		1		8		17	
08:05	10		51		29		25			3		9		26		
08:10	12		38		25		49		1			17		17		
08:15	7		84		48		27		1		1	18		25		
08:20	9		75		57		37	1	1		2	29		28		
08:25	9		52		27		40	1				13	1	27		
08:30	11		81		63		50		1		2	27		41		
08:35	14		42		39	1	29					20		29		1
08:40	10		131		74		42	1	1		2	22		44		
08:45	18		170		61		45	1			8	21		39		
08:50	18		190		79		47				1	21		44		
08:55	21		153		73		34		5			16		29		
H/Total	151	0	1097	0	603	1	445	4	11	0	20	0	221	1	366	1
09:00	27		106		76		45			1		32		16		
09:05	22		93		69		21		2		1	21		22		
09:10	32		108		62		29		1		2	24		27		
09:15	14		112		85		16	1	1		3	24		31		
09:20	20		145		76		19		3		2	30		14		
09:25	25		100		58		38		2		2	16		36		
H/Total	140	0	664	0	426	0	168	1	9	0	11	0	147	0	146	0
Total	333	0	1963	0	1171	1	738	8	24	0	46	0	433	1	599	2
12:00 - 14:00																
12:00	33		40		42		29		5		3		21		21	
12:05	45		24		19	2	37		13		4		33		21	
12:10	26		27		31		46		2				23		23	
12:15	47		27		35		41		12		2		48		24	
12:20	32		19		44		45		9		1		36		36	
12:25	64		20		50		39		6		2		43		37	
12:30	39		35		43	1	36		11				26		25	
12:35	88		80		43		57		8		2		29		20	
12:40	58		62		57		54		2		1		40		31	
12:45	37		56		47		53		10		1		25		26	
12:50	44		73		69		48		1		5		36		38	
12:55	41		43		55		58		1				23		30	
H/Total	554	0	506	0	535	3	543	0	80	0	21	0	383	0	332	0
13:00	58		62		51		46		3		2		22		20	
13:05	38		47		52		61		7		5		31		32	
13:10	68		49		49		49	1	5		2		23		36	
13:15	42	1	46		48		64		14		3		42		20	
13:20	64		74	1	51		55		11				41		35	
13:25	43		44		56		48		2		2		30		29	
13:30	35		39		65		39		1		1		29		31	
13:35	48		57		39		64		5		2		34		21	
13:40	58		85		50		57		2				32		24	1
13:45	44		74		76		33		2		2		33		29	
13:50	51		42		50		59		1				37		32	
13:55	42		64		39		65		4		2		35		29	
H/Total	591	1	727	1	626	0	640	1	57	0	21	0	389	0	338	1
Total	1145	1	1233	1	1161	3	1183	1	137	0	42	0	772	0	670	1
17:00 - 20:00																
17:00	69		46		55		63		11		6		34		30	
17:05	100		52		61		76		12		2		45		28	
17:10	58		30		63		83		2		1		35		33	
17:15	65		39		80		85		4		1		43	1	39	
17:20	55		40		42		73		8		2		33		24	
17:25	81		44		57		65		4				38		29	
17:30	83		33		57		106		7		2		41		23	
17:35	85		49		60		115		14		2		36		22	
17:40	74		31		46		82		19				36		46	
17:45	72		79		85		74		12		1		45		14	
17:50	79		46		71		68		10		3		39		17	
17:55	82		55		98		65		9		2		42		37	
H/Total	903	0	544	0	775	0	955	0	112	0	22	0	467	1	342	0
18:00	92		57		130		117		19		3		57		29	
18:05	123		75		91		118		11		6		53		32	
18:10	159		51		87		128		22		4		62		35	
18:15	179		90		108		116		16				46		29	
18:20	133		59	1	113		88		17		2		65		26	
18:25	92		41		86		96		10		6		63		29	
18:30	87		39		86		97		7		4		60		23	
18:35	84		46		82		81	1	27		2		62		33	
18:40	98		53		83		85		8				73		15	
18:45	83		36		78		97		13		4		49		17	
18:50	97		37		72	1	71		11				50		25	
18:55	76	1	62		101	1	51		14		8		50		21	
H/Total	1303	1	646	1	1117	2	1145	1	175	0	39	0	690	0	314	0
19:00	74		64		74		78		14		2		46		21	
19:05	72		42		67		54		10		1		40		18	
19:10	82		29		79		91		6				47		20	
19:15	86	1	38		77		63		15		1		60		26	
19:20	83		48		61		66		12		1		72		12	
19:25	67		35		77		43		5		1		39		14	
19:30	37		46		68		60		8		1		30		13	
19:35	39		35		55		44	1	14				28		30	
19:40	56		40		52		37		19				28		19	
19:45	41		34		44		46		7		1		23		19	
19:50	36		32		80		39		5		2		29		22	
19:55	32		34		71		31		8		2		30		18	
H/Total	705	1	477	0	805	0	652	1	123	0	12	0	472	0	232	0
Total	2911	3	4863	2	5029	6	4673	11	571	0						



Time	Arm A								Arm B								Arm C								Arm D							
	East(1)		West(1)		East(2)		West(2)		North(1)		South(1)		North(2)		South(2)		East(1)		West(1)		East(2)		West(2)		North(1)		South(1)		North(2)		South(2)	
	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy
	07:30 - 09:30																															
07:30	11	15	2	11	15	2	4	6	4	7	1	4	3	7	1	8	8	29	8	24	3	6	1	6	5	1	6	5	7	5		
07:35	8	16	1	16	16	1	1	3	1	3	1	3	1	3	1	8	8	41	1	14	1	9	1	11	6	4	10	4	8			
07:40	16	17	1	16	16	1	1	3	1	3	1	3	1	3	1	8	8	39	1	9	1	9	1	11	6	4	10	4	8			
07:45	12	19	1	14	16	1	1	3	1	3	1	3	1	3	1	12	12	50	1	11	1	11	1	11	6	4	14	4	11			
07:50	16	22	1	14	19	1	1	3	1	3	1	3	1	3	1	13	13	59	1	13	1	13	1	13	6	4	10	23	10			
07:55	13	18	1	18	19	1	1	3	1	3	1	3	1	3	1	10	10	55	1	11	1	11	1	11	6	4	13	12	11			
HTotal	76	118	2	76	105	3	25	1	23	1	25	1	23	1	23	1	25	1	25	2	49	0	25	0	54	0	15	1	68	0		
08:00	8	22	2	6	19	1	11	6	11	6	11	6	11	6	20	20	61	1	22	3	58	4	10	3	10	3	11	11	6			
08:05	8	22	2	6	19	1	11	6	11	6	11	6	11	6	20	20	61	1	22	3	58	4	10	3	10	3	11	11	6			
08:10	19	14	1	14	16	1	11	4	13	4	13	4	13	4	15	15	85	1	12	1	68	10	7	4	30	7	15	5	15			
08:15	21	14	1	14	16	1	11	4	13	4	13	4	13	4	15	15	85	1	12	1	68	10	7	4	30	7	15	5	15			
08:20	19	28	1	19	24	1	16	6	16	6	16	6	16	6	19	19	80	1	21	1	91	15	12	15	12	15	12	5	12			
08:25	15	1	33	19	36	1	14	1	5	14	1	5	14	1	5	9	74	1	11	1	85	30	5	10	15	10	12	5	10			
08:30	21	42	2	23	38	1	17	1	12	17	1	12	17	1	18	18	110	1	17	1	98	22	10	26	10	26	10	27	17			
08:35	21	30	2	22	37	1	13	1	14	13	1	14	13	1	14	18	79	1	28	1	80	31	11	28	11	28	11	11	11			
08:40	25	54	2	20	52	2	28	15	28	15	28	15	28	15	17	112	1	18	1	125	24	17	27	27	27	27	27	27	17			
08:45	23	45	2	22	47	2	23	11	23	11	23	11	23	11	19	119	1	16	1	110	47	8	43	7	7	43	7	7	17			
08:50	25	33	2	23	35	2	29	14	29	14	29	14	29	14	24	105	2	25	2	131	30	20	32	20	32	20	32	20	32	22		
08:55	23	45	2	25	43	2	32	16	32	16	32	16	32	16	14	100	4	43	1	109	49	17	47	17	47	17	47	17	47	18		
HTotal	228	395	0	223	394	2	211	3	107	0	211	3	107	0	107	0	220	1	1056	0	239	0	1082	0	315	0	128	0	31	0		
09:00	26	27	2	22	22	2	23	12	23	12	23	12	23	12	21	40	21	40	21	40	21	40	21	40	21	40	21	40	21	40		
09:05	15	21	1	15	23	1	9	10	9	10	9	10	9	10	24	65	3	35	97	3	35	97	3	35	10	35	10	10	10			
09:10	24	25	2	29	25	1	16	1	6	1	16	1	6	1	19	64	1	20	50	1	23	1	23	1	23	1	22	11	7	7		
09:15	30	29	1	27	25	1	12	1	6	1	12	1	6	1	24	55	20	53	6	25	7	30	30	30	30	30	30	30	30	30		
09:20	33	17	1	33	16	1	10	1	12	10	1	12	10	1	10	53	20	50	73	20	50	73	20	50	73	20	50	73	20	50		
09:25	18	23	1	18	26	1	13	2	7	13	2	7	13	2	7	1	98	1	26	1	26	1	26	1	26	1	26	1	26	1		
09:30	146	0	137	1	140	0	137	1	87	3	81	1	87	3	81	1	136	1	387	4	153	0	414	4	159	0	54	0	153	0		
HTotal	450	2	641	3	448	0	636	6	323	7	181	2	323	3	181	3	419	3	1726	6	461	0	1748	4	638	0	228	1	637	0		
	12:00 - 14:00																															
12:00	12	18	1	12	17	1	8	8	11	8	11	8	11	8	23	23	32	26	2	2	2	2	2	2	2	2	2	2	2	2		
12:05	18	15	1	18	16	1	8	8	8	8	8	8	8	8	27	13	20	6	13	13	13	13	13	13	13	13	13	13	13	13		
12:10	19	23	1	23	17	1	7	7	7	7	7	7	7	7	17	41	17	41	17	41	17	41	17	41	17	41	17	41	17	41		
12:15	39	23	1	38	25	1	11	8	8	8	8	8	8	8	59	28	64	20	22	15	31	15	31	15	31	15	31	15	31			
12:20	25	28	1	21	22	1	12	1	12	1	12	1	12	1	48	2	42	24	24	24	24	24	24	24	24	24	24	24	24	24		
12:25	36	26	1	37	24	1	6	6	6	6	6	6	6	6	43	2	36	43	15	19	15	19	15	19	15	19	15	19	15			
12:30	17	19	1	20	14	1	14	2	14	2	14	2	14	2	26	14	26	54	40	37	17	1	27	17	27	17	27	17	27			
12:35	32	32	1	33	33	1	11	12	11	12	11	12	11	12	42	1	29	42	37	34	37	34	37	34	37	34	37	34	37	34		
12:40	35	34	1	34	28	1	12	23	12	23	12	23	12	23	36	1	53	35	35	35	35	35	35	35	35	35	35	35	35	35		
12:45	24	24	1	24	34	1	22	22	22	22	22	22	22	22	27	1	32	47	42	23	29	20	29	20	29	20	29	20	29	20		
12:50	10	44	1	44	39	1	12	16	12	16	12	16	12	16	42	1	36	41	48	20	29	1	21	21	21	21	21	21	21	21		
12:55	24	29	2	24	28	2	17	12	17	12	17	12	17	12	28	27	33	27	33	27	33	27	33	27	33	27	33	27	33	27		
HTotal	291	0	325	0	288	0	143	0	156	0	156	0	156	0	156	0	438	1	126	0	313	0	178	1	253	2	178	1	253	2		
13:00	26	24	2	24	24	2	36	19	8	19	8	19	8	19	8	32	6	19	30	16	30	16	30	16	30	16	30	16	30			
13:05	23	31	2	22	35	1	32	17	2	17	2	17	2	17	2	32	2	32	35	40	12	25	12	25	12	25	12	25	12	25		
13:10	33	41	2	41	35	1	32	14	23	14	23	14	23	14	26	2	43	1	27	37	37	23	37	23	37	23	37	23	37			
13:15	43	27	1	41	36	1	20	14	14	14	14	14	14	14	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39	39		
13:20	20	28	1	28	18	1	14	9	14	9	14	9	14	9	14	43	9	41	9	27	21	27	21	27	21	27	21	27	21	27		
13:25	31	22	2	32	28	1	9	1	13	9	1	13	9	1	13	32	1	45	31	42	24	16	16	16	16	16	16	16	16	16		
13:30	19	22	1	19	19	1	21	1	17	21	1	17	21	1	17	17	60	1	44	63	51	19	30	18	30	18	30	18	30	18		
13:35	18	28	1	32	30	1	5	21	5	21	5	21	5	21	5	47	1	47	13	12	12	12	12	12	12	12	12	12	12	12		
13:40	28	22	2	26	19	2	9	6	9	6	9	6	9	6	32	29	9	40	36	8	21	9	9	9	9	9	9	9	9	9		
13:45	16	28	1	28	16	1	16	4	16	4	16	4	16	4	40	35	46	58	17	15	17	15	17	15	17	15	17	15	17	15		
13:50	21	20	1	20	17	1	6	1	6	1	6	1	6	1	31	28	32	34	34	34	34	34	34	34	34	34	34	34	34	34		
13:55	34	34	1	34	36	1	16	7	1	16	7	1	16	7	1	35	1	45	56	14	29	14	29	14	29	14	29	14	29	14		
HTotal	312	0	335	0	302	0	337	0	177	4	119	1	177	0	119	1	442</															

Project Number: TSP13888
 Project Name: Shoreditch, East London
 Survey Type: Pedestrian Count
 Site No: 10
 Location: Walkways of Bishopsgate
 Date: 21 Jun 2018, Thursday



Time	Lower Walkway				Upper Walkway			
	Mov A		Mov B		Mov A		Mov B	
	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy
07:30 - 09:30								
07:30	117		25		11		3	
07:35	85		28		15		11	
07:40	129		31		7		6	
07:45	126		35		19		2	
07:50	124		34		18		1	
07:55	127		33		18		7	
H/Total	708	0	186	0	88	0	30	0
08:00	143		41		19		8	
08:05	138		49		23		8	
08:10	191		57		28		10	
08:15	160		44		24		6	
08:20	211		60		30		7	
08:25	206		52		23		16	
08:30	199		58		28		11	
08:35	205		68		27		17	
08:40	238		65		28		8	
08:45	229		67		40		11	
08:50	264		60		39		9	
08:55	283		55		52		10	
H/Total	2467	0	676	0	361	0	121	0
09:00	275		73		47		9	
09:05	283		59		33		6	
09:10	224		46		33		8	
09:15	175		42		41		11	
09:20	227		41		35		6	
09:25	131		42		26		8	
H/Total	1315	0	303	0	215	0	48	0
Total	4490	0	1165	0	664	0	199	0
12:00 - 14:00								
12:00	76		98		27		10	
12:05	115		159		16		21	
12:10	103		136		46		15	
12:15	133		127		28		21	
12:20	75		150		22		14	
12:25	121		134		32		24	
12:30	101		125		29		18	
12:35	119		122		35		22	
12:40	127		125		36		26	
12:45	125		126		39		26	
12:50	153		124		31		17	
12:55	124		163		35		26	
H/Total	1372	0	1589	0	376	0	240	0
13:00	167		113		35		20	
13:05	112		116		41		24	
13:10	95		141		38		33	
13:15	144		108		36		23	
13:20	141		121		42		17	
13:25	105		107		33		19	
13:30	143		112		28		26	
13:35	98		114		32		14	
13:40	117		114		40		19	
13:45	133		112		42		33	
13:50	120		117		26		23	
13:55	112		109		40		20	
H/Total	1487	0	1384	0	433	0	271	0
Total	2859	0	2973	0	809	0	511	0
17:00 - 20:00								
17:00	69		252		19		23	
17:05	98		248		10		26	
17:10	95		247		24		19	
17:15	91		226		12		20	
17:20	108		252		25		10	
17:25	121		218		16		18	
17:30	126		261		18		25	
17:35	94		275		21		30	
17:40	62		172		16		32	
17:45	156		213		19		22	
17:50	160		183		17		25	
17:55	154		217		10		18	
H/Total	1334	0	2764	0	207	0	268	0
18:00	167		263		9		26	
18:05	133		233		23		31	
18:10	179		226		21		13	
18:15	195		250		14		24	
18:20	137		197		19		20	
18:25	171		170		19		17	
18:30	175		151		7		20	
18:35	147		151		18		17	
18:40	151		179		11		11	
18:45	116		120		16		12	
18:50	118		165		10		19	
18:55	125		133		13		16	
H/Total	1814	0	2238	0	180	0	226	0
19:00	102		133		10		18	
19:05	99		122		16		19	
19:10	115		128		7		10	
19:15	94		115		11		9	
19:20	110		149		12		19	
19:25	89		95		23		22	
19:30	87		75		16		9	
19:35	56		99		9		15	
19:40	73		116		19		20	
19:45	57		94		10		13	
19:50	71		92		7		9	
19:55	72		112		8		9	
H/Total	1025	0	1330	0	148	0	172	0
Total	4173	0	10470	0	2008	0	1376	0

Project Number: **TSP13888**
 Project Name: **Shoreditch, East London**
 Survey Type: **Pedestrian Count**
 Site No: **2**
 Location: **Bethnal Green Road**
 Date: **22 Jun 2018, Friday**



Time	Footpath 1				Footpath 2			
	East		West		East		West	
	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy
	16:00 - 06:00							
16:00	38		18		52		54	
16:05	26		21		46		65	
16:10	27		18		58		52	
16:15	14		34		48		67	
16:20	48		19		57		40	
16:25	26		21		54		56	
16:30	28		29		75		61	
16:35	50		23		62		54	
16:40	58		16		58		72	
16:45	36		21		75		65	
16:50	47		33		108		45	
16:55	37		40		115		67	
HTotal	435	0	293	0	818	0	708	0
17:00	35		21		76		71	
17:05	45		23		81		103	
17:10	66		28		110		262	
17:15	59		19		113		91	
17:20	30		18		103		69	
17:25	44		28		114		102	
17:30	43		30		98		67	
17:35	54		39		91		77	
17:40	86		40		105		71	
17:45	50		43		118		68	
17:50	52		32		108		87	
17:55	50		24		102		83	
HTotal	614	0	435	0	1223	0	1151	0
18:00	62		21		131		145	
18:05	69		40		120		112	
18:10	88		24		131		69	
18:15	71		42		119		111	
18:20	53		40		125		102	
18:25	86		30		140		93	
18:30	90		22		130		105	
18:35	49		35		118		85	
18:40	63		39		103		94	
18:45	62		26		130		114	
18:50	64		26		127		97	
18:55	81		31		66		50	
HTotal	888	1	476	2	1440	0	1187	0
19:00	81		34		96		72	
19:05	80		22		100		77	
19:10	56		35		88		71	
19:15	54		27		95		65	
19:20	33		12		104		52	
19:25	59		27		95		72	
19:30	46		30		110		64	
19:35	55		47		111		68	
19:40	44		28		104		61	
19:45	56		30		83		64	
19:50	38		22		92		50	
19:55	35		58		87		71	
HTotal	637	0	372	1	1165	0	789	0
20:00	41		33		81		60	
20:05	38		21		74		71	
20:10	37		21		99		56	
20:15	29		17		53		71	
20:20	39		25		96		51	
20:25	42		19		85		84	
20:30	42		31		92		50	
20:35	40		43		106		59	
20:40	51		40		83		80	
20:45	29		30		55		61	
20:50	43		28		47		30	
20:55	32		23		87		71	
HTotal	463	0	333	1	958	1	744	0
21:00	31		23		58		78	
21:05	40		23		113		46	
21:10	56		25		130		81	
21:15	41		22		83		89	
21:20	40		28		71		69	
21:25	15		41		102		50	
21:30	43		27		67		43	
21:35	19		26		98		49	
21:40	39		18		59		66	
21:45	46		17		74		82	
21:50	35		39		89		39	
21:55	52		21		77		67	
HTotal	457	0	324	2	1021	2	759	2
22:00	26		38		68		65	
22:05	17		21		61		49	
22:10	46		26		45		49	
22:15	28		18		89		37	
22:20	27		27		64		89	
22:25	32		13		74		40	
22:30	36		22		65		53	
22:35	49		14		63		58	
22:40	33		30		71		40	
22:45	27		26		46		30	
22:50	17		29		82		31	
22:55	34		33		63		67	
HTotal	372	0	298	0	633	0	629	0
23:00	47		23		66		60	
23:05	29		18		75		85	
23:10	28		30		64		95	
23:15	33		46		69		96	
23:20	27		34		47		70	
23:25	43		46		65		54	
23:30	39		20		35		46	
23:35	22		21		35		32	
23:40	17		19		41		59	
23:45	32		20		46		51	
23:50	39		24		33		59	
23:55	32		36		45		70	
HTotal	388	2	337	1	620	0	767	0
00:00	25		35		39		41	
00:05	31		15		50		47	
00:10	40		21		45		38	
00:15	32		28		30		42	
00:20	35		10		18		53	
00:25	28		14		20		25	
00:30	29		18		36		20	
00:35	16		35		26		34	
00:40	19		17		12		49	
00:45	25		31		29		14	
00:50	14		27		9		18	
00:55	23		17		25		7	
HTotal	317	2	268	0	339	3	688	3
01:00	2		23		30		21	
01:05	31		6		27		8	
01:10	22		13		17		22	
01:15	21		17		21		25	
01:20	21		9		22		14	
01:25	28		8		22		19	
01:30	22		2		19		7	
01:35	2		12		15		10	
01:40	34		13		21		16	
01:45	30		6		17		13	
01:50	14		23		6		6	
01:55	20		11		23		4	
HTotal	272	0	143	0	266	1	165	0
02:00	22		5		24		15	
02:05	38		13		14		10	
02:10	36		16		31		13	
02:15	26		12		30		5	
02:20	21		9		27		13	
02:25	21		15		24		5	
02:30	13		16		14		5	
02:35	11		2		7		4	
02:40	24		12		18		6	
02:45	9		6		14		6	
02:50	15		9		16		4	
02:55	17		4		9		1	
HTotal	253	2	119	1	228	0	87	0
03:00	18		3		4		1	
03:05	12		3		15		3	
03:10	12		3		15		6	
03:15	11		4		16		3	
03:20	11		8		23		6	
03:25	10		11		6		2	
03:30	10		15		15		4	
03:35	9		2		11		4	
03:40	8		3		3		2	
03:45	7		1		14		1	
03:50	1		2		4		3	
03:55	1		2		4		3	
HTotal	171	0	42	0	122	0	34	0
04:00	7		1		1		3	
04:05	6		1		3		2	
04:10	7		1		3		1	
04:15	6		1		3		3	
04:20	6		3		3		3	
04:25	12		2		2		3	
04:30	12		2		6		1	
04:35	2		2		2		1	
04:40	3		2		1		1	
04:45	5		3		3		3	
04:50	1		1		1		4	
04:55	1		1		2		3	
HTotal	54	1	16	0	27	0	22	0
05:00	1		1		2		1	
05:05	1		2		2		1	
05:10	6		2		2		1	
05:15	2		3		3		3	
05:20	2		2		2		2	
05:25	1		1		1		1	
05:30	2		4		1		1	
05:35	1		1		1		1	
05:40	2		1		1		1	
05:45	1		2		1		1	
05:50	1		3		1		4	
05:55	1		1		1		1	
HTotal	17	0	18	1	20	0	14	0
Total	6228	8	3282	9	9036	7	7434	6

Project Number: TSP13888
 Project Name: Shoreditch, East London
 Survey Type: Pedestrian Count
 Site No: 3
 Location: Sclater Street
 Date: 22 Jun 2018, Friday



Time	Footpath 1				Footpath 2			
	East		West		East		West	
	Ped	Bicy	Ped	Bicy	Ped	Bicy	Ped	Bicy
16:00 - 06:00								
16:00	12				4		10	
16:05	30				11		20	
16:10	25				14		9	
16:15	9				3	1	15	1
16:20	12				11		18	
16:25	14				6		12	
16:30	24				12		30	
16:35	13				10		18	
16:40	18				7		10	
16:45	19				12		4	
16:50	13				10		5	
16:55	18				11		6	
17:00	223	0	175	0	79	1	126	1
17:05	19		45		5		11	
17:10	43		17		9		113	
17:15	24		40		18		9	1
17:20	13		14		11		5	
17:25	27		16		17		20	
17:30	16		13		10		6	
17:35	11		15		11		16	
17:40	17		15		18		8	
17:45	42		27		19		17	
17:50	18		15		20		7	
17:55	24		21		8		9	
18:00	16	27	15	10	13	10	10	10
18:05	29	19	13	16	14	14	14	14
18:10	26	13	13	16	14	14	14	14
18:15	41	6	19	18	7	14	14	14
18:20	25	16	15	15	14	14	14	14
18:25	41	13	16	16	14	14	14	14
18:30	19	20	21	21	20	20	20	20
18:35	16	16	16	7	10	10	10	10
18:40	19	17	16	16	8	8	8	8
18:45	15	17	13	12	9	13	9	9
18:50	40	17	17	19	19	19	19	19
18:55	30	18	18	26	26	26	26	26
19:00	316	0	192	0	195	0	159	0
19:05	12		25		15		13	
19:10	19		17		12		12	
19:15	21		19		14		29	
19:20	19		20		10		18	
19:25	18		18		9		9	
19:30	23		24		9		14	
19:35	31		27		18		15	
19:40	27		21		13		12	
19:45	15		10		17		4	
19:50	23		22		6		16	
19:55	24		11		15		6	
20:00	253	0	225	0	163	0	163	0
20:05	9		17		13		14	
20:10	5		13		7		7	
20:15	17		23		7		13	
20:20	35		3		10		10	
20:25	26		5		9		10	
20:30	23	1	19		1		10	
20:35	14		8		20		23	
20:40	42		10		18		10	
20:45	14		10		12		13	
20:50	10		12		4		16	
20:55	13		10		10		9	
21:00	277	1	19	0	195	1	188	0
21:05	27		19		4		10	
21:10	25		14		9		6	
21:15	15		14		3	1	13	
21:20	14	1	10		8		14	
21:25	16		16		11		14	
21:30	16		15		5		8	
21:35	24		17		2		6	
21:40	3		14		4		10	
21:45	6		9		2		14	
21:50	8		8		3		22	
21:55	8		13		15		12	
22:00	178	1	131	0	175	1	125	0
22:05	9		13		4		15	1
22:10	8		7		10		14	
22:15	4		12		9		14	
22:20	6		29		6		14	
22:25	11		6		2		9	
22:30	23		14		13		10	
22:35	8		4		11		11	
22:40	5		9		3		15	
22:45	9		15		2		20	
22:50	12		12		2		16	
22:55	16		12		2		16	
23:00	150	0	142	0	88	0	158	1
23:05	2		4		10		11	
23:10	10		11		4		17	
23:15	13		4		6		10	
23:20	17		6		2		9	
23:25	17		6		14		9	
23:30	13		8		3		8	
23:35	10		10		1		8	
23:40	6		10		1		5	
23:45	3		1		2		2	
23:50	13		16		1		4	
23:55	4		7		4		4	
00:00	127	0	85	0	48	0	98	0
00:05	8		6		1		2	
00:10	9		6		4		1	
00:15	10		7		6		4	
00:20	10		4		6		4	
00:25	9	1	4		7		3	
00:30	3		1		8		5	
00:35	14		8		9	1	5	
00:40	2		3		2		7	
00:45	1		1		5		6	
00:50	6		3		2		2	
00:55	8		9		2		2	
01:00	92	1	45	0	49	1	39	0
01:05	10		4		14		6	
01:10	10		9		9		6	
01:15	3		3		1		2	
01:20	3		3		1		2	
01:25	6		3		4		2	
01:30	2		3		1		1	
01:35	1		3		5		6	
01:40	1		1		2	1		
01:45	6		2		2			
01:50	12		7		2			
01:55	2		8					
02:00	23	0	32	0	48	1	32	0
02:05	9		2		2		6	
02:10	2		1		2		2	3
02:15	9		2		3			
02:20	8		2		3			
02:25	10	2	2		1		3	
02:30	1		1				1	
02:35	7		1					
02:40	3		1					1
02:45	1		1					
02:50	5		2					
02:55	1		1					
03:00	62	0	3	0	15	1	15	4
03:05	2		3		3		2	
03:10	5		1		1		1	
03:15	1		1				1	
03:20	8		1		6			
03:25	2		1		1			
03:30	1		1		1			
03:35	2		1					
03:40	2		1					
03:45	1		1					
03:50	1		4				2	
03:55	1		1					
04:00	24	0	5	0	13	1	3	0
04:05	1				1		1	
04:10	1				3			
04:15	1				2		2	
04:20	1				5	1	1	
04:25	4							
04:30	1							
04:35	1							
04:40	1							
04:45	1							
04:50	1							
04:55	1							
05:00	7	0	0	0	11	1	8	0
05:05			2					
05:10					1			
05:15			1		1		3	
05:20								
05:25								
05:30								
05:35								
05:40	1		1				3	
05:45			2				2	
05:50								
05:55								
Total	1938	4	1436	0	1063	8	1302	7

Project Number: TSP13888
 Project Name: Shoreditch, East London
 Survey Type: Pedestrian Count
 Site No: 4
 Location: Brick Lane
 Date: 22 Jun 2018, Friday



Time	Footpath 1				Footpath 2			
	North		South		North		South	
	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy
16:00 - 06:00								
16:00	6		23		3		15	
16:05	6		30		3		7	
16:10	17		36		21		8	
16:15	33		22		1		5	
16:20	34		26		2		4	
16:25	39		20		2		20	
16:30	34		42		7		9	
16:35	34		32				1	
16:40	27		29		12			
16:45	55		27		29		10	
16:50	43		26		10		11	
16:55	35		20		19		23	
17:00	360	0	356	0	85	0	112	0
17:05	45		34		13		22	
17:10	40		32		12		38	
17:15	31		32		20		32	
17:20	31		40		25		18	
17:25	42		28		26		10	
17:30	50		30		18		16	
17:35	43		28		3		22	
17:40	52		27		19		14	
17:45	20		17		25		22	
17:50	43		15		19		18	
17:55	30		18		26		16	
18:00	496	0	438	0	218	0	278	0
18:05	41		27		21		28	
18:10	47		15		35		7	
18:15	36		25		33		29	
18:20	43		35	1	21		24	
18:25	42		30		20		36	
18:30	29		17		24		38	
18:35	39		37		42		38	
18:40	31		35		22	1	24	
18:45	37		25		39		25	1
18:50	44	1	23		29	5	20	1
18:55	2		26		23		19	
19:00	444	1	337	1	368	6	289	1
19:05	34		31		25	1	17	
19:10	42		16		33		28	
19:15	42		20		26		32	
19:20	25		21		32		27	4
19:25	26		30		19		36	
19:30	52		21		37		38	
19:35	54		14		20		17	
19:40	38		26		32		12	
19:45	39		35		20		17	
19:50	55		19		13		8	
19:55	60		31		10	1	25	
20:00	495	0	295	0	300	8	260	4
20:05	44		29		34		8	
20:10	29		20		26		28	
20:15	30		23		21		19	1
20:20	24	1	24		29		36	
20:25	26		18		24		13	
20:30	33		20		22	2	22	
20:35	60		28		27		11	
20:40	30		23		26		12	
20:45	23		25		20		17	
20:50	36		16		8		18	
20:55	22		16		20		13	
21:00	188	1	129	1	184	2	106	1
21:05	26		33		10	2	23	
21:10	33		12		17		15	1
21:15	32		5		32		9	
21:20	35		16		7		15	
21:25	20		14		23		13	
21:30	17		21		22		16	
21:35	19		13		24		18	
21:40	27		13	1	18		12	
21:45	36		14		16		9	
21:50	29		13		13		10	
21:55	15		18		22		6	
22:00	315	0	176	1	227	0	178	2
22:05	20		14		43		15	
22:10	19		22		16		3	
22:15	23		9		41		17	
22:20	12		14		6		14	
22:25	25		9		24		21	
22:30	29		16		10		10	
22:35	17		10		10		10	
22:40	37		26		5		5	
22:45	22		8		10		8	
22:50	49		15		21		5	
22:55	27		20		25		3	
23:00	15		15		15		38	
23:00	896	0	179	0	253	0	125	0
23:05	18		25		22		19	
23:10	22		11		23		18	
23:15	30		12		17		17	
23:20	27		23		22		16	
23:25	21		10		13		8	
23:30	19		24	1	26		23	
23:35	23		1		20		10	
23:40	34		20		13		10	
23:45	24		14		16		12	
23:50	16		13		10		5	
23:55	19		5		13	1	10	
00:00	389	0	176	1	239	1	129	0
00:05	23		6		17		6	
00:10	10		8		4		5	
00:15	6		23		9		11	
00:20	16		14		26		6	
00:25	9		11		8	1	2	
00:30	12		12		10		10	
00:35	5		14		4		8	
00:40	13		5		19		6	
00:45	8		9		39		9	
00:50	14		13		8		8	
00:55	11		6		15		3	
01:00	138	0	122	0	121	1	10	0
01:05	10		12		5		11	
01:10	15		8		23		3	
01:15	12		17		14	1	1	
01:20	11		6		14		3	
01:25	11		10		5		3	
01:30	6		5		6		2	
01:35	6		2		9		3	
01:40	6		4		3		4	
01:45	5		2		9		8	
01:50	2		2		13		8	
01:55	2		7		2	1	2	0
02:00	113	0	76	0	112	1	62	0
02:05	3		10		1		9	1
02:10	3		5		7		6	
02:15	2		4		3		3	
02:20	1		1		3	1	7	
02:25	10		6		4		3	
02:30	2		7		4		1	
02:35	6		14		3		6	
02:40	3		5		4		4	
02:45	2		1		4		2	
02:50	1		7		2		7	
02:55	1		6		7		7	
03:00	42	0	65	0	40	2	39	1
03:05	2		4		16		5	
03:10	1		7		2		2	
03:15	2		4		4		4	
03:20	4		9		1		4	
03:25	4		1		2		1	
03:30	9		3		3		4	
03:35	3		3		3		4	
03:40	1		1		3		3	
03:45	1		1		1		1	
03:50	1		1		1		1	
03:55	1		1		1		1	
04:00	22	0	33	0	28	0	35	0
04:05	4		2		3		3	
04:10	1		5		1		2	
04:15	1		1		1		3	
04:20	1		4		1		1	
04:25	1		1		1		1	
04:30	1		1		1		1	
04:35	1		1		1		1	
04:40	1		1		1		1	
04:45	1		1		1		1	
04:50	1		1		1		1	
04:55	1		1		1		1	
05:00	11	0	9	0	3	0	13	0
05:05	1		1		1		1	
05:10	1		1		1		2	
05:15	1		1		1		1	
05:20	1		1		1		1	
05:25	1		1		1		1	
05:30	1		1		1		1	
05:35	1		1		1		1	
05:40	1		1		1		1	

Project Number: TSP13888
 Project Name: Shoreditch, East London
 Survey Type: Pedestrian Count
 Site No: 5
 Location: Shoreditch High Street
 Date: 22 Jun 2018, Friday



Time	Footpath 1				Footpath 2			
	North		South		North		South	
	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy
	16:00 - 06:00							
16:00	45		45		1		23	
16:05	47		50		20		14	
16:10	43		48		15		30	
16:15	35		38		14		13	1
16:20	39		35		13		14	
16:25	37		36		18		22	
16:30	41		42		15		9	
16:35	27		36		14		8	
16:40	41		50		11		16	
16:45	43		60		10		9	
16:50	43		53		15		7	
16:55	45		55		15		9	
17:00	46	0	548	1	181	0	164	1
17:05	48		65		8		27	
17:10	60		65		14		18	
17:15	57		43		12		13	
17:20	62		52		13		14	
17:25	63		53		11		14	
17:30	63		57		26		19	
17:35	48		50		23		17	
17:40	55		60		20		16	
17:45	81		70		20		20	
17:50	72		67		32		20	
17:55	76	0	70	0	35	0	21	0
18:00	72		76		40		29	
18:05	70	1	60		45		25	
18:10	65		62		42		24	
18:15	64		80		30		30	
18:20	73		50		29		18	
18:25	50		50		45		30	
18:30	51		60		36		22	
18:35	62		52		37		25	
18:40	90		65		40		21	
18:45	60		85		45		15	
18:50	92		65		51		20	
18:55	85		89		38		18	
19:00	83	1	789	0	470	0	267	0
19:05	90		100		40		32	
19:10	77		54		56		22	
19:15	60		60		43		28	
19:20	77		65		31		35	
19:25	60		51		37		20	
19:30	75		62		42		15	
19:35	93		59		41		19	
19:40	40		50		21		19	
19:45	58		34		22		20	
19:50	69		51		36		13	
19:55	76		51		30		10	
20:00	80	0	859	0	485	0	216	0
20:05	91		63		49		14	
20:10	92		63		40		27	
20:15	57		61		45		24	
20:20	81		50		14		14	
20:25	73		75		45		19	
20:30	84		46		28		18	
20:35	51		50		40		24	
20:40	52		56		21		14	
20:45	35		48		30		18	
20:50	37		49		28		11	
20:55	65		33		27		28	
21:00	56	0	72	0	35	0	23	0
21:05	66		43		35		16	
21:10	62	1	71		32		22	
21:15	44		60		55		11	
21:20	58		65		27	1	9	
21:25	36		57		40		16	
21:30	40		44		47		30	
21:35	65		34		42		21	
21:40	60		46		35		20	
21:45	55		91		25		36	
21:50	51		70		27		32	
21:55	47	1	45		32	2	22	0
22:00	64	1	678	1	416	1	260	0
22:05	52		40		23		25	
22:10	45		55		40		20	
22:15	52		53	2	35		41	
22:20	45		58		12		14	
22:25	17		59		22		10	
22:30	63		36		18		30	
22:35	80		72		42		11	
22:40	50		39		44		14	
22:45	63		50		31		15	
22:50	38		45		26		16	
22:55	60		45		44	1	16	
23:00	65	0	605	2	400	1	220	0
23:05	38		48		38		29	
23:10	35		48		41		22	
23:15	35		65		55		25	
23:20	50		72		33	1	25	
23:25	40	2	31	2	35		17	
23:30	40		35		32		17	
23:35	42		30		24		27	
23:40	42		45		33		16	
23:45	43		42		42		22	
23:50	42		56		32		25	
23:55	42		28		32		25	
00:00	439	2	600	2	456	1	273	0
00:05	34		30		45		24	
00:10	55		39		43		18	
00:15	32		48		45		25	
00:20	22		51		30		11	
00:25	22		21		27		34	
00:30	30		45		16		10	
00:35	25		38		19		23	
00:40	15		49		42		30	
00:45	20		15		13		28	
00:50	20		22		21		21	
00:55	32		35		11		20	
01:00	22	0	43	2	20	0	25	0
01:05	2		24		17		20	
01:10	18		14		24		22	
01:15	1		13		22	1	12	
01:20	30		13	1	27		26	
01:25	26		22		22		13	
01:30	26		23		22		8	
01:35	26		15		20		22	
01:40	20		32		16		33	
01:45	25		20		11		16	
01:50	15	1	31		29		32	
01:55	27		28		25		25	
02:00	212	2	260	1	263	1	237	0
02:05	10		25		6		14	
02:10	9		49		7		26	
02:15	15		38		1		30	
02:20	14		26		11		30	
02:25	15		29		14		34	
02:30	18		15		12		27	
02:35	7		26		17		17	
02:40	10		36		18		14	
02:45	10		15		5		25	
02:50	5		13		6		10	
02:55	8		6		13		11	
03:00	6		2		8		35	
03:05	127	0	281	0	118	0	262	0
03:10	16		12		13		11	
03:15	8		16		1		33	
03:20	6	1	26		12		18	
03:25	10		22		14		14	
03:30	10		18		10		21	
03:35	11		8		19		11	
03:40	2		11		8		12	
03:45	2		8		5		9	
03:50	2		7		5		19	
03:55	2		14		2		10	
04:00	96	1	167	0	108	0	185	0
04:05	2		16		4		7	
04:10	6		4		1		7	
04:15	8		2		2		2	
04:20	8		2		2		8	
04:25	2		1		4		5	
04:30	2		5		3		7	
04:35	2		4		2		3	
04:40	1		2		2		1	
04:45	1		10		2		11	
04:50	2		1		0		8	
04:55	2		1		0		8	
05:00	4	0	2	0	1	0	1	0
05:05	4		1		0		3	
05:10	4		3		0		1	
05:15	4		3		2		2	
05:20	4		3		1		2	
05:25	3		3		2		2	
05:30	3		2		2		2	
05:35	6		1		2		2	
05:40	2		10		2		2	
05:45	6		0		1		33	
05:50	6		0		1		33	
05:55	6		0		1		33	
Total	6268	7	6490	9	3891	6	2820	1

Project Number: TSP13888
 Project Name: Shore ditch, East London
 Survey Type: Pedestrian Count
 Site No: 6
 Location: Commercial Street
 Date: 22 Jun 2018, Friday



Time	Footpath 1				Footpath 2			
	North		South		North		South	
	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy
16:00 - 06:00								
16:00	11		17		15		6	
16:05	12		5		7		9	
16:10	10		14		7		11	
16:15	13		8		9		15	
16:20	9		20		11		10	
16:25	3		5		5	1	9	
16:30	25		5		15	5	16	
16:35	5		14		10	2	6	
16:40	21		13		4	1	3	
16:45	9		6		13		7	
16:50	2		6		17		9	
16:55	16		11		12		24	
Hourly	146	0	124	0	130	10	125	0
17:00	16		15		7		6	
17:05	18		14		7		7	
17:10	10		24		17	1	12	
17:15	18		14		23	1	13	
17:20	10		14		18		16	1
17:25	12		21		15	2	18	
17:30	13		12		22		26	
17:35	24		27		9	1	8	
17:40	18		25		26		25	
17:45	25		17		10		20	
17:50	21		15		15		10	
17:55	14		25		20	1	18	
Hourly	224	0	232	0	185	6	179	1
18:00	12		20		16		19	
18:05	14		26		26		8	
18:10	26		19		23		17	
18:15	21		17		18		15	
18:20	26		25		25	1	21	
18:25	17	1	17		14	4	9	
18:30	27		17		11		24	
18:35	23		17		14		13	
18:40	18		20		15		22	
18:45	23		18		7	2	7	
18:50	30		15		29	1	14	
18:55	19		19		23		19	
Hourly	256	1	232	0	235	8	185	0
19:00	25		17		13		18	
19:05	17		23		6		15	
19:10	11		31		20		19	
19:15	14		18		17		11	
19:20	17	1	5		6	1	10	
19:25	16		13		14		14	
19:30	22		15		8		9	
19:35	21		12		7		16	
19:40	38		11		13		20	
19:45	16		12		13		5	
19:50	14		7		14		17	
19:55	15		16		13		18	
Hourly	250	1	180	0	144	1	172	0
20:00	19		2		2		6	
20:05	26		18		22		11	
20:10	14		13		15		17	
20:15	14		11		15		17	
20:20	17		11		23		11	
20:25	34		15		12		16	
20:30	8		6		6		30	
20:35	23		12		13		13	
20:40	18		15		13		9	
20:45	18		11		11		17	
20:50	25		9		13		14	
20:55	11		12		7		16	
Hourly	222	0	162	0	164	0	186	0
21:00	21		16		13		8	
21:05	13		2		19		11	
21:10	13		17		19		7	
21:15	13		4		16		3	
21:20	12		7		7		14	
21:25	14		15		7		13	
21:30	20		9		22		8	
21:35	12		18		19		2	
21:40	15		8		5	1	4	
21:45	16		12		25		14	
21:50	12		21	2	12		12	
21:55	21		12		22		105	0
Hourly	185	0	141	2	176	1	105	0
22:00	4		8		26		9	
22:05	10		13		10		7	
22:10	13		5		19		9	
22:15	13		11		3	1	7	
22:20	3		7		16		7	
22:25	10		10		16		3	
22:30	4		10		2		3	
22:35	11		10		7		7	
22:40	8		11		9		10	
22:45	26		6		21		7	
22:50	18		11		14	1	2	
22:55	6		6		3		6	
Hourly	152	0	85	0	151	2	78	0
23:00	5		6		14		9	
23:05	5		6		28		9	
23:10	23		11		3		12	
23:15	23		14		15		8	
23:20	21		9		15		8	
23:25	19		10		12		7	
23:30	9		6		3		5	
23:35	15		6		1		1	
23:40	2		9		3		6	
23:45	15		11		18		10	
23:50	13		10		8		4	
23:55	5		11		7		4	
Hourly	167	0	120	0	125	1	82	0
00:00	9		13		4		4	
00:05	1		5	2	4		6	
00:10	3	2	3		6		13	
00:15	8		10		12	1	11	
00:20	11		7		6	1	3	
00:25	11		6		7		3	
00:30	1		7		4		4	
00:35	2		9		7		8	
00:40	8		11		6		8	
00:45	8	1	4		8		4	
00:50	8		4		9		5	
00:55	8		4		9		5	
Hourly	88	3	87	2	79	2	85	0
01:00	4		3		6		7	
01:05	2		2		6		1	
01:10	17		2		11		8	
01:15	9		4		3		6	
01:20	9		4		1		6	
01:25	3		5		6		11	
01:30	3		5		8		3	
01:35	2		6		4		3	
01:40	8		6		3		10	
01:45	6		17		4		3	
01:50	4		10		3		3	
01:55	2		10		4		3	
Hourly	57	0	81	0	43	0	56	0
02:00	2		4		5		8	
02:05	6		5		5		14	
02:10	1		7		6		4	
02:15	6		6		2		4	
02:20	1		6		6		4	
02:25	5		2		6		2	
02:30	3		4		1		5	
02:35	10		4		4		7	
02:40	2		1		4		9	
02:45	5		10		2		11	
02:50	5		4		2		2	
02:55	2		14		3		2	
Hourly	54	0	67	0	25	0	43	0
03:00	1		6		2		1	
03:05	1		6		2		1	
03:10	4	1	2		4		7	
03:15	4		2		1		3	
03:20	1		2		4	2	3	
03:25	1		6		9		10	
03:30	1		1		2		2	
03:35	1		5		2	1	4	
03:40	1		1		2		2	
03:45	1		1		2		7	
03:50	2		1		3		7	
03:55	1		1		2		7	
Hourly	6	1	38	0	28	3	46	0
04:00	1		6		1		4	
04:05	2		6		1		1	
04:10	2		2		1		1	
04:15	1		1		1		1	
04:20	1		1		2		6	
04:25	1		2		2		2	
04:30	1		1		2		1	
04:35	1		1		1	2	1	
04:40	1		1		1		1	
04:45	1		1		1		1	
04:50	1		1		1		1	
04:55	1		3		3		1	



Time	Arm A				Arm B				Arm C				Arm D			
	East		West		North		South		East		West		North		South	
	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy
16:00 - 06:00																
16:00	48		36		49	1	58		3			34			19	
16:05	52		32		46		58		11		3	1	29		22	
16:10	45		16		49		49		11		2		17		19	
16:15	33		50		55		47		16				21		18	
16:20	54		42		49		57		3		4		23		19	
16:25	22		21		41		36		9		1	1	20		1	
16:30	47		31		53		41		4				13			
16:35	46		24		23		44		6		2		27		14	
16:40	43		41		43		56		3		3		13		20	
16:45	47		37		60		54		5		6		38		16	
16:50	53		45		58		56		5		3		39		23	
16:55	64		49		46		78		5		3		37		26	
17:00	58	0	42	0	56	1	65	0	74	0	22	3	33	1	23	1
17:05	56		37		78		64		14		1		26		53	
17:10	87		67		151		96		10		4		37		46	
17:15	81		37		53		55		3		2		47		27	
17:20	45		42		50		74		19		3		36		33	
17:25	59		58		84		74		10		2		37		1	
17:30	76		41		58		68	1	9		2		46		27	
17:35	67		61		63		90		12		3		37		15	
17:40	84		50		86		86		13		10		41		19	
17:45	83		51		82		101		5		6		51		29	
17:50	74		62		90		87		8		4		35		29	
17:55	76		49		83		74		18		1		41		23	
18:00	95	0	61	0	100	1	84	1	16	2	2	2	55	1	49	0
18:05	122	0	65	0	79	0	103	0	15	9	5	5	53	0	25	0
18:10	96	0	46	0	81	0	103	0	3	9	5	3	49	0	19	0
18:15	94	0	68	0	76	0	103	0	3	10	10	10	60	0	27	0
18:20	108	0	65	0	98	0	99	0	15	14	1	1	60	0	25	0
18:25	102	0	58	0	99	0	19	0	14	10	1	1	38	0	1	0
18:30	101	0	56	0	84	0	60	0	25	1	1	1	28	0	27	0
18:35	80	0	56	0	86	0	86	0	5	1	1	1	19	0	19	0
18:40	98	0	56	0	92	0	71	0	3	2	2	2	54	1	33	0
18:45	75	0	43	0	95	0	64	0	1	1	1	1	15	0	12	0
18:50	55	0	54	0	92	0	66	0	2	1	1	1	45	0	21	0
18:55	83	0	45	0	85	0	74	0	1	1	1	1	48	0	20	0
19:00	110	0	67	0	108	0	92	1	16	0	34	1	63	1	50	1
19:05	76	0	47	0	106	2	64	0	18	2	2	2	61	0	18	0
19:10	60	0	44	0	73	0	52	0	18	2	1	1	41	0	19	0
19:15	58	0	44	0	103	0	73	0	12	6	6	6	48	0	32	0
19:20	56	0	31	0	71	1	53	0	11	1	1	1	38	0	18	0
19:25	65	0	47	0	99	0	42	0	6	2	2	2	43	0	20	0
19:30	60	0	46	0	57	0	67	0	14	2	2	2	68	1	16	0
19:35	79	0	43	0	113	0	102	0	5	1	1	1	40	0	20	0
19:40	29	0	46	0	71	0	64	0	8	1	1	1	39	1	23	0
19:45	64	0	62	0	86	0	86	0	1	1	1	1	60	0	21	0
19:50	54	0	46	0	66	0	50	0	8	5	5	5	30	0	23	0
19:55	38	0	39	0	87	1	57	0	9	2	2	2	27	0	11	0
20:00	49	0	36	0	102	2	75	0	10	1	22	2	55	2	24	0
20:05	45	0	42	0	98	0	65	0	11	2	2	2	45	0	17	0
20:10	65	0	56	0	59	0	72	0	5	2	2	2	52	0	27	0
20:15	55	0	56	0	58	0	54	0	12	1	2	2	34	0	21	0
20:20	51	0	30	0	59	0	50	0	20	3	3	3	15	0	15	0
20:25	45	0	58	0	73	0	48	0	12	4	4	4	44	0	15	0
20:30	55	0	35	0	48	0	48	0	16	4	4	4	21	0	18	0
20:35	28	0	48	0	84	0	63	0	9	4	4	4	40	0	23	0
20:40	33	0	36	0	83	0	83	0	4	4	4	4	23	0	16	0
20:45	40	0	54	0	71	0	55	0	5	8	8	8	36	1	17	0
20:50	33	0	45	0	47	0	47	0	5	5	5	5	11	0	11	0
20:55	46	0	54	0	80	0	50	0	13	3	3	3	28	0	33	0
21:00	62	0	73	0	70	0	58	0	16	1	31	0	41	1	29	1
21:05	57	0	53	0	70	0	58	0	7	3	3	3	30	0	25	0
21:10	53	0	53	0	100	1	55	1	10	11	11	11	38	1	31	1
21:15	31	0	36	0	81	1	63	0	8	2	2	2	35	0	11	0
21:20	44	0	36	0	73	0	63	0	8	2	2	2	35	0	9	0
21:25	44	0	48	0	45	0	55	0	15	3	3	3	38	0	23	0
21:30	42	0	61	0	70	0	64	0	21	6	6	6	39	0	24	0
21:35	25	0	50	0	75	0	41	0	6	3	3	3	31	0	25	0
21:40	46	0	51	0	67	0	75	0	6	1	1	1	32	0	20	0
21:45	30	0	33	0	96	0	102	0	13	2	2	2	14	0	41	0
21:50	47	0	91	0	76	0	106	0	13	2	2	2	33	0	47	0
21:55	67	0	33	0	70	2	72	1	15	2	15	2	23	1	39	0
22:00	30	0	47	0	83	0	67	0	3	2	2	2	20	0	12	0
22:05	53	0	33	0	95	1	77	0	7	2	2	2	26	0	41	0
22:10	43	0	33	0	95	0	46	0	5	13	13	13	16	0	22	0
22:15	32	0	29	0	53	0	46	0	5	1	1	1	16	0	9	0
22:20	17	0	35	0	53	0	46	0	5	1	1	1	16	0	9	0
22:25	37	0	27	0	49	0	42	0	6	2	2	2	37	0	13	0
22:30	41	0	37	0	95	0	42	0	6	2	2	2	37	0	13	0
22:35	37	0	36	0	65	0	71	0	7	6	6	6	17	0	17	0
22:40	26	0	32	0	60	0	33	0	2	2	2	2	26	0	13	0
22:45	21	0	22	0	64	0	59	0	2	2	2	2	19	0	19	0
22:50	26	0	22	0	52	0	48	0	15	4	4	4	48	0	28	0
22:55	49	0	22	0	88	0	68	0	15	4	4	4	48	0	28	0
23:00	34	0	45	0	81	1	67	0	9	0	19	0	35	0	23	0
23:05	32	0	63	0	94	1	67	0	19	4	4	4	26	0	22	0
23:10	24	0	48	0	114	1	114	0	3	1	1	1	23	0	23	0
23:15	48	0	50	0	130	0	67	0	23	3	3	3	40	0	27	0
23:20	32	0	43	0	40	1	67	0	14	3	3	3	14	0	24	0
23:25	42	0	34	0	97	0	67									

Project Number: TSP13688
 Project Name: Shoreditch, East London
 Survey Type: Pedestrian Count
 Site No: 2
 Location: Bethnal Green Road
 Date: 23 Jun 2016, Saturday



Time	Footpath 1				Footpath 2			
	East		West		East		West	
	Obs	Proj	Obs	Proj	Obs	Proj	Obs	Proj
12:00 - 16:00								
12:00	19		19		55		55	
12:05	16		22		41		60	
12:10	29		15		49		76	
12:15	23		15		37		50	
12:20	14		11		41		37	
12:25	24		23		28		28	
12:30	36		19		45		68	
12:35	29		23		34	1	58	
12:40	35		22		37		58	
12:45	27		26		35		57	
12:50	31		17		58		68	
12:55	25		35		35		65	
12:00	289	0	230	0	489	2	720	0
13:00	34		22		60		104	
13:05	30		18	1	45		45	
13:10	28		21		72		60	
13:15	38		26		47		58	
13:20	27		21		60		69	
13:25	35		17		42		54	
13:30	14		19		46		82	
13:35	25		21		52		85	
13:40	40		21		47		72	
13:45	30		16		65		45	
13:50	31		11		60		75	
13:00	355	0	243	1	620	0	820	0
14:00	32		29		42		110	
14:05	34		23		63		50	
14:10	16		27		60		78	
14:15	19		24		30		81	
14:20	38		25		62	2	90	
14:25	34		18		75		85	
14:30	23		19		67		102	
14:35	38		21		55		57	
14:40	32		16		58		70	
14:45	39		21		70		83	
14:50	21		26	2	68		100	
14:55	34		32		69		98	
14:00	384	0	261	2	699	2	968	0
Total	888	0	745	3	1818	4	2408	0
16:00 - 20:00								
16:00	20		22		85		69	
16:05	47		26		73		115	
16:10	42		26		75		72	
16:15	36		25		75		70	
16:20	35		21		65		55	
16:25	42		25		80		60	
16:30	27		18		82		69	
16:35	33		37		46		50	
16:40	34		35		85		65	
16:45	48		17		79		116	
16:50	32		33		61		65	
16:55	33		32		82		74	
16:00	429	0	311	0	874	0	918	0
17:00	27		29		63		111	
17:05	46		30		60		60	
17:10	35		34	1	54		63	
17:15	25		24		78		76	
17:20	18		28		75		82	
17:25	18		26		86		66	
17:30	27		26		61		64	
17:35	18		20		44		44	
17:40	55	1	9		73		74	
17:45	47		17		62		62	
17:50	31		22	1	70		68	
17:55	39		19		69		39	
17:00	408	1	263	2	811	0	880	0
18:00	31		89		95		102	
18:05	42		30		72		54	
18:10	42		20		61		61	
18:15	34		13		111		53	
18:20	43		39		64		103	
18:25	46		22		51		104	
18:30	32		32		45		111	
18:35	47		33		65		135	
18:40	36		45		79		95	
18:45	43		27		38		101	
18:50	32		67		66		150	
18:00	424	0	442	0	928	0	1152	0
19:00	31		44		108		108	
19:05	43		18		117		102	1
19:10	37		38		112		131	
19:15	24		13		78		101	
19:20	35		23		70		83	
19:25	49		28		72		94	
19:30	35		34		110		75	
19:35	50		20		109		101	
19:40	23		19		96		106	
19:45	23		45		91		96	
19:50	40		30		88		109	
19:55	26		22		95		110	
19:00	613	0	534	0	1142	0	1208	1
20:00	26		34		91		116	
20:05	59	1	21		92		81	
20:10	39		41		73		95	
20:15	31		22		52		89	
20:20	35		55		61		99	
20:25	33		28		82		82	
20:30	54		20		96		84	
20:35	27		38		92		95	
20:40	48		25		63		50	
20:45	33		47		73		73	
20:50	24		27		48		85	
20:55	40		39		60		86	
20:00	444	1	598	0	999	0	1053	0
21:00	41		55		101		108	
21:05	46		32		71		81	
21:10	58		31		54		86	
21:15	47		33		103		85	
21:20	43		34		90		152	
21:25	46		31		85		85	
21:30	39	1	25		59		70	
21:35	43		12	3	30		62	
21:40	13		37		87		56	
21:45	27		15	1	91		132	
21:50	30		29		67		74	
21:55	22		21		57		86	
21:00	460	1	374	4	856	0	1085	0
22:00	40		22		65		81	
22:05	32		21		62		55	
22:10	30		21		78	1	52	
22:15	34		15		62		35	
22:20	48		45		45		77	
22:25	27		31		60		51	
22:30	38		14		98		62	
22:35	36		24		53		49	
22:40	63		28		62		41	
22:45	50		14		70		67	
22:50	50		14		48		52	
22:55	25		25		35		85	
22:00	462	0	282	0	713	1	761	0
23:00	31		29		38		81	
23:05	39		17		81		105	
23:10	37		29		78		94	
23:15	45		24		63		104	
23:20	42		36		61		98	
23:25	25	1	27		65		93	
23:30	43		50		41		61	
23:35	32		27		67		73	
23:40	49		42		56	1	69	
23:45	45		36		36		50	
23:50	35		28		83		98	
23:55	20		35		37		43	
23:00	473	1	336	0	726	1	923	0
00:00	29		38		43		64	
00:05	31		11		30		39	
00:10	24		21		35		63	
00:15	18		40		20		68	
00:20	52		33		26		51	
00:25	18		37		35		79	
00:30	28		28		22		38	
00:35	23		26		53		44	
00:40	41		36		35		45	
00:45	22		20		37		25	
00:50	29		23		26		15	
00:55	24		47		23		19	2
00:00	444	0	447	0	522	0	623	2
01:00	29		18		27		22	
01:05	30		12		12		14	
01:10	36		26		20		16	
01:15	29		10		21		24	
01:20	19		20		27		23	
01:25	18		7		8		41	



Time	Footpath 1				Footpath 2			
	East		West		East		West	
	Ped	Proy	Ped	Proy	Ped	Proy	Ped	Proy
12:00 - 18:00								
12:00	21	1	1	1	13			
12:05	17	1	15	1	10			
12:10	21	4	14	1	19			
12:15	15	17	17	8	13			
12:20	25	8	18	15	12			
12:25	26	13	12	9	9			
12:30	26	16	5	15	5			
12:40	28	12	10	14	10			
12:45	35	13	7	11	11			
12:50	25	5	13	15	15			
12:55	31	5	18	18	18			
12:00	315	0	120	0	142	0	161	0
13:00	20	5	15	13	13			
13:05	55	14	14	9	20			
13:10	22	20	16	8	16			
13:15	22	38	16	15	15			
13:20	24	14	17	6	6			
13:25	33	12	10	11	11			
13:30	30	13	13	14	14			
13:40	32	17	15	17	17			
13:45	30	19	10	10	10			
13:50	47	16	17	13	13			
13:55	25	17	16	20	20			
13:00	372	0	205	0	150	0	152	0
14:00	27	22	20	6	6			
14:05	30	15	11	14	14			
14:10	28	21	11	14	20			
14:15	35	31	14	20	20			
14:20	35	16	5	20	20			
14:25	53	14	21	12	12			
14:30	33	13	8	12	12			
14:35	23	20	15	17	17			
14:40	37	11	26	17	17			
14:45	30	9	22	21	21			
14:50	39	7	18	5	18			
14:55	37	17	8	8	8			
14:00	363	0	198	0	149	0	149	0
Total 1163	0	810	0	489	0	468	0	0
18:00 - 08:00								
18:00	21	20	14	11	11			
18:05	31	14	15	10	10			
18:10	26	9	10	10	10			
18:15	27	18	8	12	12			
18:20	24	12	9	12	12			
18:30	52	23	8	15	15			
18:35	38	16	8	24	24			
18:40	19	11	1	14	24			
18:45	17	19	9	27	27			
18:50	30	19	8	23	23			
18:55	43	23	12	17	17			
18:00	337	0	203	1	128	0	231	0
19:00	11	19	10	16	16			
19:05	22	19	9	14	14			
19:10	30	21	6	23	23			
19:15	20	16	8	17	17			
19:20	26	18	8	23	23			
19:25	42	8	13	7	7			
19:30	28	22	15	14	14			
19:40	20	23	15	8	15			
19:45	23	8	10	8	10			
19:50	43	23	15	25	25			
19:55	30	35	15	30	30			
19:00	360	0	234	0	111	1	208	0
20:00	28	21	10	27	27			
20:05	28	15	9	24	24			
20:10	28	28	6	22	22			
20:15	21	10	6	14	14			
20:25	15	13	4	15	15			
20:30	23	28	6	17	17			
20:35	30	17	30	8	8			
20:40	22	8	12	8	8			
20:45	20	23	3	4	4			
20:50	13	29	14	31	31			
20:55	8	24	15	33	33			
20:00	428	1	230	0	129	0	230	0
21:00	16	19	7	12	12			
21:05	16	37	9	12	12			
21:10	27	10	18	5	10			
21:15	17	13	15	10	10			
21:20	4	12	9	12	12			
21:25	14	5	7	20	20			
21:30	17	2	16	12	12			
21:35	32	23	16	20	20			
21:40	19	27	10	13	13			
21:45	9	18	13	20	20			
21:50	19	10	5	18	18			
21:55	21	7	8	10	10			
21:00	204	0	194	0	128	0	165	0
22:00	10	10	2	10	10			
22:05	19	22	7	8	8			
22:10	12	13	2	10	10			
22:20	13	10	7	10	10			
22:25	26	13	17	15	15			
22:30	19	25	14	16	16			
22:35	9	5	3	16	16			
22:40	27	18	6	6	6			
22:45	17	6	6	11	11			
22:50	19	16	4	5	5			
22:55	10	16	6	4	4			
22:00	218	0	133	1	85	0	111	0
23:00	20	18	10	4	4			
23:05	35	16	16	10	10			
23:10	24	10	17	18	18			
23:15	10	13	5	24	24			
23:20	17	9	15	16	16			
23:25	8	14	3	13	13			
23:30	17	2	7	5	5			
23:35	4	12	6	11	11			
23:40	7	10	6	6	6			
23:45	6	3	16	9	9			
23:50	9	8	2	16	16			
23:55	7	29	2	18	18			
23:00	184	2	148	0	106	0	183	0
00:00	11	16	10	10	10			
00:05	5	12	5	2	2			
00:10	8	16	4	6	6			
00:15	8	8	16	8	8			
00:20	11	13	14	19	19			
00:25	18	8	2	6	6			
00:30	17	4	2	13	13			
00:35	18	10	6	15	15			
00:40	7	7	8	9	9			
00:45	7	7	6	9	9			
00:50	7	2	2	18	18			
00:55	14	29	2	18	18			
00:00	128	1	130	0	171	0	174	0
01:00	21	11	6	21	21			
01:05	16	6	5	11	11			
01:10	25	15	3	8	8			
01:15	23	10	6	5	5			
01:20	26	15	1	10	10			
01:25	10	9	2	16	16			
01:30	12	9	2	3	3			
01:35	25	21	4	16	16			
01:40	23	14	4	16	16			
01:45	15	5	6	8	8			
01:50	7	5	5	2	2			
01:55	8	8	3	9	9			
01:00	211	0	128	0	43	0	132	0
02:00	15	5	5	2	2			
02:05	5	1	7	1	1			
02:10	12	2	13	14	14			
02:15	7	12	1	12	12			
02:20	13	11	3	8	8			
02:25	18	1	3	8	8			
02:30	11	18	4	4	4			
02:35	13	7	1	4	4			
02:40	10	8	1	3	3			
02:45	16	3	1	3	3			
02:50	15	1	4	12	12			
02:55	9	1	1	1	1			
02:00	2	0	43	0	144	0	144	0
03:00	5	6	3	3	3			
03:05	7	7	1	3	3			
03:10	3	14	9	6	6			
03:15	4	4	1	5	5			
03:20	13	3	5	5	5			
03:25	9	6	1	3	3			
03:30	5	12	1	5	5			
03:35	10	6	1	3	3			
03:40	6	5	4	4	4			
03:45	5	4	3	4	4			
03:50	5	4	3	4	4			
03:55	6	4	4	4	4			
03:00	72	0	88	0	22	0	31	0
04:00	2	2	11	1	1			
04:05	5	2	7	1	1			
04:10	3	1	1	1	1			
04:15	3	1	1	1	1			
04:20	4	1	1	1	1			
04:25	6	2	1	1	1			
04:30	6	1	1	1	1			
04:35	7	1	1	1	1			
04:40	7	1	1	1	1			
04:45	13	2	12	1	1			
04:50	7	5	2	1	1			
04:55	7	5	2	1	1			
04:00	83	2	14	0	23	0	16	1
05:00	1	1	2	1	1			
05:05	1	1	2	1	1			
05:10	1	1	2	1	1			
05:15	1	1	1	1	1			
05:20	1	1	1	1	1			
05:25	1	1	2	1	1			
05:30	1	1	3	1	1			
05:35	1	1	3	1	1			
05:40	1	1	3	1	1			
05:45	1	1	3	1	1			
05:50	1	1	2	1	1			
05:55								

Project Number: TSP13888
 Project Name: Shoreditch, East London
 Survey Type: Pedestrian Count
 Site No: 4
 Location: Brick Lane
 Date: 23 Jun 2018, Saturday



Time	Footpath 1				Footpath 2			
	North		South		North		South	
	Obs	Adj	Obs	Adj	Obs	Adj	Obs	Adj
12:00 - 18:00								
12:00	17		24		21		48	
12:05	16		24		26		39	
12:10	39		45		28		28	
12:15	24		38		51		37	
12:20	34		35		35		39	
12:25	30		36		36		36	
12:30	39		35		28		32	
12:35	27		36		35		32	
12:40	12		45		37	1	52	
12:45	40		57		59		22	
12:50	33		53		58	1	42	
12:55	38		39		35		33	
13:00	351	0	484	0	478	2	464	0
13:05	53		43		32		46	
13:10	42		57		62		53	
13:15	30		61		61		49	
13:20	48		56		63		45	
13:25	61		48		39		67	
13:30	53		50		46		49	
13:35	20		34		39		51	
13:40	49		46		49		34	
13:45	40		50		71		47	
13:50	54		35		31		53	
13:55	56		46		47		30	
14:00	59	0	86	0	93	0	80	0
14:05	47		45		42	1	45	
14:10	42		54		67		52	
14:15	62		36		51		58	
14:20	35		43		57		31	
14:25	30		47		51		52	
14:30	32		67		54		38	
14:35	40		57		58		58	
14:40	49		42		44		39	
14:45	46		48	1	48		48	
14:50	31		80		70		28	
14:55	579	0	727	0	719	1	688	0
Total 12:00 - 14:55	1870	0	2481	0	2468	3	2147	0
18:00 - 08:00								
18:00	47		31		25		56	
18:05	33		40		53		50	
18:10	34		53		46		49	
18:15	30		34		47		32	
18:20	40		52		37		52	
18:25	52		38		50		39	
18:30	24		37		53		27	
18:35	32		25		45		52	
18:40	51		43		37		39	
18:45	50		46		50		40	
18:50	55		46		53		74	1
18:55	487	0	583	0	559	0	571	1
19:00	47	0	36	0	45	0	51	1
19:05	37		33		61		31	
19:10	33		42		68		48	
19:15	31		44		53	1	50	
19:20	36		36		46		32	
19:25	48		38		44		45	
19:30	52		36		44		45	
19:35	48		41		38		47	
19:40	44		21		61		48	
19:45	43		30		30		73	
19:50	49		27		39		35	
19:55	40		31		44		44	
19:59	428	0	448	0	679	1	460	1
18:00	10	0	42	0	61	0	52	0
18:05	35		28		45		40	
18:10	38		15		39		40	
18:15	38		58		55		31	
18:20	32		47		47		20	
18:25	65		57		48		48	
18:30	57		36		38		23	
18:35	52		23		30		27	
18:40	55		42		42		51	
18:45	49		37		29		44	
18:50	44		17		23		24	
18:55	58	0	24	0	16	0	40	0
19:00	34		44		48		38	
19:05	26		37		46		38	
19:10	24		39		26		29	
19:15	26		26		24		26	
19:20	38		39		34		19	
19:25	30		44		50		16	
19:30	30		32		28		36	
19:35	30		30		20		15	
19:40	29		27		33	1	14	
19:45	42		29		42		21	
19:50	35		26		20		10	
19:55	35		26		20		10	
19:59	428	0	448	0	679	1	460	1
20:00	28	0	22	0	28	0	18	0
20:05	26		26		12		16	
20:10	40		30		31		29	
20:15	29		45		33		16	
20:20	25		24		40		20	
20:25	40		43		54		23	
20:30	58		27		24		28	
20:35	35		17		21		15	1
20:40	29		43		23		22	
20:45	42		22		37		15	
20:50	39		39		26		24	
20:55	39		27		44		44	
20:59	418	0	398	0	365	0	243	1
21:00	31	0	28	0	24	0	24	0
21:05	24		18		15		14	
21:10	34		29		21		18	
21:15	42		33		42		25	
21:20	42		22		15		4	
21:25	19		10		21	2	1	
21:30	48		22		18		9	
21:35	39		38		26		15	
21:40	34		20		31		20	
21:45	43		28		24		23	
21:50	25		24		38		23	
21:55	52		25		22		14	
21:59	422	0	287	0	256	2	219	1
22:00	12	0	32	0	41	0	18	0
22:05	22		18		16		26	1
22:10	37		13		14		15	
22:15	31		24		27		18	
22:20	30	1	23		26		30	
22:25	29		8		21		13	
22:30	30		19		7		16	
22:35	30		18		19		12	
22:40	30		7		10		11	
22:45	26		22		17		14	
22:50	30		34		34		15	
22:55	8		15		2		15	
22:59	324	1	223	0	233	0	109	2
23:00	24	0	16	0	19	0	18	0
23:05	34		18		12		14	
23:10	32		13		15		8	
23:15	30		18		21		10	
23:20	41		4		25		15	
23:25	47		19		21		17	
23:30	30		12		26		14	
23:35	20		21		19		14	
23:40	22		16		31	1	9	
23:45	21		12		18		7	
23:50	20		14		16		2	
23:55	27		8		15		2	
23:59	338	0	171	0	218	1	128	1
00:00	23	0	23	0	19	0	8	0
00:05	17		11		14		8	
00:10	13		8		16		13	
00:15	16		10		9		7	
00:20	26		6		9		6	
00:25	11		8		11		13	
00:30	21		9		15		8	
00:35	11		13		22		8	
00:40	11		8		18	1	1	
00:45	33		8		18	1	1	
00:50	11		13		23		9	
00:55	23		14		29		8	
00:59	4	0	124	0	17	1	2	0
01:00	26	0	12	0	10	1	14	0
01:05	14		16		18		5	
01:10	34		13		15		6	
01:15	8		7		6		9	
01:20	7		19		7		13	
01:30	11		6	1	10		11	
01:35	13		6		11		13	
01:40	3		5		8		10	
01:45	10		12		10		10	
01:50	5		9		17		5	
01:55	3		4		12		10	
01:59	138	0	119	0	129	1	98	0
02:00	3	0	6	0	2	0	3	0
02:05	3		8		5		3	
02:10	3		4		4		15	
02:15	6		7		5		10	
02:20	5		5		5		5	
02:25	3		4		1		4	
02:30	4		3		2		2	
02:35	4		3		17		4	
02:40	4		3		4		2	
02:45	4		3		4		10	
02:50	3		3		8		8	
02:55	3		3		2		8	
02:59	38	0	50	0	53	1	83	1
03:00	6	0	4	0	6	0	5	0
03:05	1		2		6		5	
03:10	1		1		2		12	
03:15	2		7		1		6	
03:20	8		3		4		3	
03:25	3		4		4	1	1	
03:30	4	1	4		5		1	
03:35</								

Project Number: TSP13888
 Project Name: Shoreditch, East London
 Survey Type: Pedestrian Count
 Site No: 5
 Location: Shoreditch High Street
 Date: 23 Jun 2018, Saturday



Time	Footpath 1				Footpath 2				
	North		South		North		South		
	Ped	Pos	Ped	Pos	Ped	Pos	Ped	Pos	
12:00 - 18:00									
12:00	29		31		16		17		
12:05	33		34		19		17		
12:10	31		34		14		17		
12:15	16		53		16		23		
12:20	29		31		31		13		
12:25	29		46		22		23		
12:30	46		49		55		15		
12:35	24		48		36		25		
12:40	48		64		29		24		
12:45	48		49		20		10		
12:50	43		54		24		20		
12:55	32		59		25		23		
12:00	423	0	835	0	283	0	218	0	
13:00	46		49		22	4	30		
13:05	56		67		22		29		
13:10	57		51		29		13		
13:15	46		67		24		26		
13:20	45		46		26		18		
13:25	48		57		31		26		
13:30	41		41		21		18		
13:35	33		83		22		22		
13:40	56		66		14		16		
13:45	48		77		18		15		
13:50	48		71		26		23		
13:55	51		61		32		17		
13:00	573	0	1333	0	420	4	432	0	
14:00	49		74		37		25		
14:05	47		59		47		24		
14:10	33		59		24		20		
14:15	35		61		26		20		
14:20	63		77		24		44		
14:25	29		62		22		13		
14:30	38		64		30		26		
14:35	38		64		19		19		
14:40	74		55		30		18		
14:45	55		67		55		27		
14:50	51		73		30		23		
14:55	51		73		30		23		
14:00	811	0	1729	0	511	4	544	0	
Total 12:00 - 18:00	1613	0	3284	0	1114	4	741	0	
18:00 - 06:00									
18:00	35		32		29		17		
18:05	58		78		27		6		
18:10	47		91		44		21		
18:15	55		71		24		13		
18:20	29		60		27		24		
18:25	48		50		52		15		
18:30	56		62		35		20		
18:35	56		50		25		32		
18:40	42		72		30		30		
18:45	58		66		34		16		
18:50	66		84		28		26		
18:55	66		84		28		26		
18:00	558	0	819	0	382	0	221	0	
19:00	49		71		29		17		
19:05	54		58		23		17		
19:10	51		63		35		13		
19:15	56		81		24		17		
19:20	56		63		25		23		
19:25	58		68		33		17		
19:30	55		74		28		15		
19:35	48		48		68		10		
19:40	58		66		60		20		
19:45	58		52		28		16		
19:50	50		47		23	1	25		
19:55	50		47		23		23		
19:00	720	0	1150	0	397	1	220	0	
20:00	75		53		24		36		
20:05	73		43		29		24		
20:10	85		46		36		15		
20:15	61		64		39		22		
20:20	57		62		29		14		
20:25	73		124		51		26		
20:30	29		61		36		20		
20:35	47		65		37		30		
20:40	76		97		41		13		
20:45	63		87		32		23		
20:50	63		87		32		23		
20:55	63		87		32		23		
20:00	888	0	1353	0	413	0	231	0	
21:00	89		92		37		10		
21:05	97		88		19		12		
21:10	55		80		34		13		
21:15	70		70		31		13		
21:20	83		52		52		19		
21:25	48		70		38		12		
21:30	62		54		31		23		
21:35	37		55		37		28		
21:40	63		71		40		17		
21:45	68		87		51		1	2	
21:50	76		88		55		1	28	
21:55	76		88		55		1	28	
21:00	768	0	823	0	453	1	281	2	
22:00	47		86		41		23		
22:05	47		46		24		11		
22:10	56		62		21	1	18		
22:15	44		53		27		12		
22:20	60		71		40		12		
22:25	86		58		40		32		
22:30	40		54		38		14		
22:35	42		58		24		11		
22:40	54		40		27		13		
22:45	46		51		29		13		
22:50	41		60		16		13		
22:55	48		74		36		36		
22:00	648	0	808	0	366	1	263	0	
23:00	74		69		41		20		
23:05	50		75		47		25		
23:10	77		61		29	2	11		
23:15	53		46		48		23		
23:20	48		71		42		23		
23:25	49		67		42		12		
23:30	45		36		43		34		
23:35	49		47		62		12		
23:40	52		62		22		16		
23:45	52		56		52		51		
23:50	67		52		21		18		
23:55	33		64		39		44		
23:00	885	0	708	0	467	2	328	0	
00:00	41		72		42		8		
00:05	47		69	1	34		8		
00:10	56		58		31		25		
00:15	50		49		19		25		
00:20	34	1	68		38		12		
00:25	57		52	1	35		22		
00:30	69		64		44		24		
00:35	55		46		49		22		
00:40	41	1	49		35		10		
00:45	42		44		41		10		
00:50	55		65		49		15		
00:55	55		65		49		15		
00:00	632	4	608	2	443	0	253	0	
01:00	40		36		28		24		
01:05	44		52		39		24		
01:10	54		57		38		29		
01:15	48		47		52		16		
01:20	36		65		60		25		
01:25	44		71		39		25		
01:30	52		60		52		38		
01:35	44	2	41		61		28		
01:40	59		53	1	39		41		
01:45	42	2	56		58		24		
01:50	40	3	42	1	37		31		
01:55	21		29		46		21		
01:00	544	7	628	2	550	0	340	0	
02:00	28		45		49		20		
02:05	34		39		52		20		
02:10	54		53		56		29		
02:15	43		49		23		43		
02:20	31		34		69		31		
02:25	34		32		34		26		
02:30	32		48		32		25		
02:35	30		47		28		32		
02:40	39		39		39		12		
02:45	19		34		29		12		
02:50	42		9		34		20		
02:55	17		58		24		23		
03:00	40		45		47		34		
03:05	24		36		40		20		
03:10	28		24		24		20		
03:15	17		27		20		21		
03:20	7		24		21		21		
03:25	16		33		24		38		
03:30	28		38	1	10		22		
03:35	22		32		28		14		
03:40	8		38		21		14		
03:45	15		24		20		6		
03:50	13		40		12		20		
03:55	11		12		12		39		
03:00	212	0	353	1	272	0	201	0	
04:00	12		19		12		12		
04:05	14		25		12		36		
04:10	10		32		9		15		
04:15	8		26		9	1	42		
04:20	10		24		15		15		
04:25	15		29		15		18		
04:30	9		12		11		21		
04:35	18		24		13		25		
04:40	21		23		10		44		
04:45	4		26		9		32		
04:50	6		25		7		30		
04:55	6		25		14		15		
04:00	132	0	228	0	132	1	369	0	
05:00	8		19		7		12		
05:05	2		31		7		30		
05:10	3		21		4		41		
05:15	4		23		8		24		
05:20	1		34		4		33		
05:25	7		20		8		22		
05:30	10		14		14		19		
05:35	3		20		7	1	17		
05:40	1		4		7		22		

Project Number: TSP13688
 Project Name: Shoreditch, East London
 Survey Type: Pedestrian Count
 Site No: 6
 Location: Commercial Street
 Date: 23 Jun 2016, Saturday



Time	Footpath 1				Footpath 2			
	North		South		North		South	
	Ped	Pos	Ped	Pos	Ped	Pos	Ped	Pos
	12:00 - 16:00							
12:00	6		17		10		12	
12:05	19		16		10		6	
12:10	10		21		8		13	
12:15	11		24		10		5	
12:20	5		38		4		4	
12:25	5		22		6		8	
12:30	16		29		14		7	
12:35	11		13		8		8	
12:40	16		17		6		31	
12:45	4		18		4		10	
12:50	11		12		11		5	1
12:55	35		32		12		3	
13:00	136	0	225	0	109	0	108	1
13:05	23		22		11		16	1
13:10	17		32		10		23	
13:15	19		25		11	1	34	
13:20	15		34		22		15	
13:25	6		11		13		10	
13:30	14		16		18		5	
13:35	25		25		4		13	
13:40	14		35		9		12	
13:45	18		35		15		6	
13:50	21		30		5		10	
13:55	20		35		30		13	
14:00	205	0	295	0	133	1	102	1
14:05	10		19		9		3	
14:10	16		27		10		4	
14:15	8		19		4		14	
14:20	23		35		2		8	
14:25	9		15		8		8	
14:30	17		30		8		5	
14:35	12		13		12		12	
14:40	18		24		10	1	2	
14:45	20		20		14		14	
14:50	25		37		5		7	
14:55	35		21		10		24	
15:00	218	0	308	0	140	2	128	0
Total	887	0	816	0	344	3	350	2
	16:00 - 20:00							
16:00	33		28		19		10	
16:05	19		23		10		15	
16:10	23		24		8		4	
16:15	52		20		12		5	
16:20	32		14		9		5	
16:25	17		22		16		10	
16:30	49		14		24		6	
16:35	41		12		21		9	1
16:40	34		20		15		16	
16:45	31		40		7		18	
16:50	28		15		14		23	
16:55	42	1	19		5		16	
17:00	402	1	244	0	159	0	131	1
17:05	40		29		16		15	
17:10	40		39		12		15	
17:15	24		15		22		22	
17:20	29		7		9		5	
17:25	34		32		12		6	
17:30	38		19		17		10	
17:35	27		28		10		12	
17:40	18		14		10		2	
17:45	15		28		8		17	
17:50	39		27		17		18	
17:55	33		25		16		16	
18:00	406	0	233	0	138	0	161	0
18:05	28		23		12		13	
18:10	45		19		12		10	
18:15	46		21		17		9	
18:20	32	1	13		9	1	5	
18:25	39		17		13		5	
18:30	21		21		5		10	
18:35	19	1	17	1	7		7	
18:40	30		17		28		3	
18:45	16		25		8		9	
18:50	25		19		6	1	14	
18:55	33		47		8		8	
19:00	389	2	274	1	161	2	181	0
19:05	17		4		4		11	
19:10	60		8		14	1	11	
19:15	33		14		8		6	
19:20	27		21		10		15	
19:25	29		32		15		15	
19:30	15		17		10		4	
19:35	29	1	20		7	1	5	
19:40	41		10		8		5	
19:45	43		17		5		10	
19:50	24		28		7		20	
19:55	28		8		4		10	
20:00	366	1	198	0	93	2	92	0
20:05	15		8		4		2	
20:10	23	1	3		10		14	
20:15	20		19		3		6	
20:20	16		10		15		4	
20:25	29		19		11		5	
20:30	27		13		13		4	
20:35	11		12		11		4	
20:40	26	1	13		14	1	7	
20:45	20		1		14		2	
20:50	16		6		16		2	
20:55	14		8		10		2	
21:00	244	3	155	0	81	1	86	0
21:05	28		23		8		15	
21:10	13		19		15		14	
21:15	14		8		6		11	
21:20	12		10		5		10	
21:25	30	1	1		9		9	
21:30	37		15		9		10	
21:35	18	1	5		9		7	
21:40	16		9		13		16	
21:45	17		22		14		6	
21:50	32		10		4	1	5	
21:55	14		4		13		4	
22:00	247	2	137	0	106	1	99	2
22:05	13		12		17	1	5	
22:10	16		8		20	1	24	
22:15	22		13		14		17	
22:20	6		5		6		7	
22:25	32		26		10	3	8	
22:30	29		12		10		13	
22:35	15		20		19		5	
22:40	15		5		20		9	
22:45	18		6		21		11	
22:50	28		25		4	1	11	
22:55	14		4		13		3	
23:00	287	0	153	0	163	6	130	0
23:05	7		23		1		1	
23:10	10	1	8	1	12		5	
23:15	28		7		7		4	
23:20	33		16		11	1	38	
23:25	29		16		9		12	
23:30	9		20		14		5	
23:35	25		11		6		6	
23:40	31		4		22		21	
23:45	28		3		5		8	
23:50	7		3		6	1	5	
23:55	10		2		21		4	
00:00	222	1	137	1	136	2	120	0
00:05	11		17		10		10	
00:10	15		16		5		15	
00:15	14		6		10		8	
00:20	17		4		4		8	
00:25	3		16		3		19	
00:30	4		11		6		5	
00:35	4		11		10		5	
00:40	7		8		9		7	
00:45	11		16		13		4	
00:50	5		5		7		3	
00:55	4		8		9		3	
01:00	6	0	3	0	23	0	8	0
01:05	6		9		1		1	
01:10	16		6		10	1	12	
01:15	5		14		5		5	
01:20	7		10		4		10	
01:25	1		9		6		5	
01:30	5		7		9		5	
01:35	20		9		4		3	
01:40	7		17		13		8	
01:45	4		19		4		23	
01:50	9		6		8	2	14	
01:55	2		8		2		4	
02:00	87	0	114	0	82	3	130	0
02:05	7		11		2		1	
02:10	2		5		2		8	
02:15	2		5		3		3	
02:20	3		6		3		6	
02:25	3		5		4		1	



Time	Arm A				Arm B				Arm C				Arm D			
	East		West		North		South		East		West		North		South	
	Ped	Pos	Ped	Pos	Ped	Pos	Ped	Pos	Ped	Pos	Ped	Pos	Ped	Pos	Ped	Pos
12:00 - 16:00																
12:00	26	29	35	27	20	27	3	0	0	25	16	11	11	16	11	11
12:05	29	21	32	18	29	29	5	0	0	17	17	16	17	19	19	19
12:10	24	30	35	29	35	29	10	0	0	20	20	20	20	20	20	20
12:15	36	1	43	43	51	51	10	0	0	33	33	33	33	33	33	33
12:20	36	36	36	36	43	43	10	0	0	40	40	40	40	40	40	40
12:25	36	36	36	36	46	46	10	0	0	50	50	50	50	50	50	50
12:30	36	36	36	36	46	46	6	0	0	50	50	50	50	50	50	50
12:35	36	36	36	36	46	46	6	0	0	38	38	38	38	38	38	38
12:40	36	36	36	36	46	46	7	0	0	34	34	34	34	34	34	34
12:45	36	36	36	36	46	46	12	0	0	16	16	16	16	16	16	16
12:50	29	30	30	64	52	52	0	0	0	0	0	0	0	0	0	0
12:55	44	31	45	45	45	45	0	0	0	0	0	0	0	0	0	0
M1001	889	1	173	0	619	0	477	0	80	0	0	0	0	428	0	410
13:00	39	42	71	71	68	68	4	0	0	30	30	31	31	31	31	31
13:05	63	30	53	62	62	62	11	0	0	31	31	31	31	31	31	31
13:10	43	26	56	56	51	51	13	0	0	33	33	33	33	33	33	33
13:15	44	26	56	56	48	48	5	0	0	26	26	26	26	26	26	26
13:20	36	34	53	53	63	63	15	0	0	36	36	36	36	36	36	36
13:25	37	45	45	45	48	48	5	0	0	23	23	23	23	23	23	23
13:30	36	47	2	63	46	46	12	0	0	21	21	21	21	21	21	21
13:35	40	36	50	50	66	66	5	0	0	30	30	30	30	30	30	30
13:40	51	36	50	50	66	66	5	0	0	32	32	32	32	32	32	32
13:45	52	2	41	68	61	61	4	0	0	32	32	32	32	32	32	32
13:50	44	41	65	65	63	63	4	0	0	27	27	27	27	27	27	27
13:55	26	35	55	55	70	70	15	0	0	24	24	24	24	24	24	24
M1002	532	1	432	2	550	0	720	1	150	0	24	0	24	428	0	428
14:00	52	57	53	53	61	61	30	0	0	5	5	18	18	18	18	18
14:05	44	44	63	63	48	48	8	0	0	18	18	18	18	18	18	18
14:10	29	33	53	53	50	50	13	0	0	19	19	19	19	19	19	19
14:15	36	36	64	64	44	44	10	0	0	20	20	20	20	20	20	20
14:20	38	68	89	89	55	55	2	0	0	3	3	23	23	23	23	23
14:25	38	68	89	89	55	55	2	0	0	3	3	23	23	23	23	23
14:30	38	68	89	89	55	55	2	0	0	3	3	23	23	23	23	23
14:35	45	46	59	59	73	73	13	0	0	13	13	35	35	35	35	35
14:40	51	36	61	61	73	73	13	0	0	13	13	35	35	35	35	35
14:45	30	1	29	73	53	53	11	0	0	2	2	28	28	28	28	28
14:50	40	39	63	63	63	63	6	0	0	14	14	36	36	36	36	36
14:55	34	50	73	73	63	63	13	0	0	12	12	28	28	28	28	28
M1003	508	2	505	0	1013	0	631	0	150	0	2	0	2	638	0	638
M1004	1491	6	1420	3	2089	1	1819	0	314	0	8	0	8	2128	0	2128
16:00 - 20:00																
16:00	27	28	27	27	40	40	4	0	0	16	16	22	22	22	22	22
16:05	34	39	41	73	68	68	12	0	0	4	4	39	39	39	39	39
16:10	54	39	56	41	73	73	12	0	0	4	4	39	39	39	39	39
16:15	36	36	41	73	68	68	12	0	0	4	4	39	39	39	39	39
16:20	34	1	54	54	59	59	11	0	0	2	2	32	32	32	32	32
16:25	48	76	67	67	94	94	11	0	0	2	2	32	32	32	32	32
16:30	33	27	44	44	32	32	26	0	0	1	1	33	33	33	33	33
16:35	55	59	46	46	31	31	6	0	0	1	1	36	36	36	36	36
16:40	54	73	1	51	44	44	8	0	0	1	1	16	16	16	16	16
16:45	39	56	52	50	52	52	18	0	0	1	1	40	40	40	40	40
16:50	54	35	41	40	31	31	5	0	0	0	0	35	35	35	35	35
16:55	44	47	41	40	37	37	5	0	0	0	0	37	37	37	37	37
M1005	514	1	558	1	633	0	561	0	133	0	0	0	359	0	359	0
17:00	39	39	56	56	71	71	11	0	0	23	23	48	48	48	48	48
17:05	40	38	1	53	51	51	48	0	0	4	4	34	34	34	34	34
17:10	51	40	65	65	80	80	23	0	0	4	4	39	39	39	39	39
17:15	51	40	65	65	80	80	23	0	0	4	4	39	39	39	39	39
17:20	29	38	67	67	47	47	13	0	0	5	5	29	29	29	29	29
17:25	35	30	52	52	41	41	12	0	0	6	6	30	30	30	30	30
17:30	35	30	52	52	41	41	12	0	0	6	6	30	30	30	30	30
17:35	37	48	54	54	37	37	36	0	0	11	11	45	45	45	45	45
17:40	37	48	54	54	37	37	36	0	0	11	11	45	45	45	45	45
17:45	46	47	76	76	46	46	20	0	0	6	6	35	35	35	35	35
17:50	46	47	76	76	46	46	20	0	0	6	6	35	35	35	35	35
17:55	46	47	76	76	46	46	20	0	0	6	6	35	35	35	35	35
M1006	511	0	541	2	358	0	654	0	133	0	58	0	478	0	478	0
18:00	42	44	70	70	47	47	13	0	0	12	12	39	39	39	39	39
18:05	40	44	63	63	40	40	13	0	0	12	12	39	39	39	39	39
18:10	52	1	60	60	40	40	10	0	0	10	10	42	42	42	42	42
18:15	65	50	78	78	51	51	8	0	0	2	2	36	36	36	36	36
18:20	36	49	72	72	59	59	10	0	0	5	5	39	39	39	39	39
18:25	71	40	89	89	59	59	10	0	0	5	5	39	39	39	39	39
18:30	50	39	74	74	49	49	13	0	0	1	1	34	34	34	34	34
18:35	41	58	51	58	54	54	12	0	0	2	2	34	34	34	34	34
18:40	49	54	54	54	54	54	20	0	0	2	2	42	42	42	42	42
18:45	44	47	77	77	55	55	11	0	0	1	1	27	27	27	27	27
18:50	44	47	77	77	55	55	11	0	0	1	1	27	27	27	27	27
18:55	47	65	66	66	66	66	11	0	0	0	0	45	45	45	45	45
M1007	683	1	658	1	928	0	611	0	133	0	23	0	453	0	453	0
19:00	43	49	63	63	49	49	9	0	0	5	5	42	42	42	42	42
19:05	50	49	1	45	49	49	9	0	0	5	5	42	42	42	42	42
19:10	33	34	59	59	34	34	17	0	0	1	1	17	17	17	17	17
19:15	33	34	59	59	34	34	17	0	0	1	1	17	17	17	17	17
19:20																

Project Number: TSP13888
 Project Name: Shoreditch, East London
 Survey Type: Pedestrian Count
 Site No: 1
 Location: Shoreditch High Street Station
 Date: 24 Jun 2018, Sunday



Time	Exiting the Shoreditch High Street Station								Entering the Shoreditch High Street Station					
	C to A		C to B		C to C		C to D		A to C		B to C		D to C	
	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy
12:00 - 15:00														
12:00	28		35				47		15		8		12	
12:05	10		20				30		26		9		14	
12:10	22		29		1		92		19		11		12	
12:15	18		31				61		18		15		26	
12:20	12		26				39		18		16		16	
12:25	17		27				61		16		14		14	
12:30	7		12		1		32		14		13		22	
12:35	18		19				52		20		5		18	
12:40	18		28				59		21		7		11	
12:45	19		27				78		12		10		15	
12:50	8		12				33		31		11		21	
12:55	20		15				87		24		7		10	
H/Total	197	0	281	0	2	0	671	0	234	0	126	0	191	0
13:00	18		17		2		91		29		13		23	
13:05	13		11		1		45		18		10		13	
13:10	12		10				41		15		7		18	
13:15	11		12				67		22		11		17	
13:20	10		11				59		22		12		19	
13:25	8		10				42		21		9		11	
13:30	10		9				46		19		8		12	
13:35	8		10				32		24		14		13	
13:40	9		12				24		18		8		14	
13:45	10		20				45		17		16		12	
13:50	6		8				25		22		9		17	
13:55	13	1	20				36		18		7		13	
H/Total	128	1	150	0	3	0	553	0	245	0	124	0	182	0
14:00	8		13				22		27		14		20	
14:05	11		10				30		22		10		14	
14:10	7		13				17		25		15		16	
14:15	5		15				35		12		15		17	
14:20	6		13				41		15		15		7	
14:25	9		14				30		15		8		9	
14:30	5		13				36		13		10		19	
14:35	7		11		1		51		20		8		13	
14:40	3		12				18		16		10		9	
14:45			3				15		21		8		11	
14:50	6		25				29		26		8		12	
14:55	10		19				28		30		7		13	
H/Total	77	0	161	0	1	0	352	0	242	0	128	0	160	0
Total	402	1	592	0	6	0	1576	0	721	0	378	0	533	0

Project Number: TSP13888
 Project Name: Shoreditch, East London
 Survey Type: Pedestrian Count
 Site No: 2
 Location: Bethnal Green Road
 Date: 24 Jun 2018, Sunday



Time	Footpath 1				Footpath 2			
	East		West		East		West	
	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy
12:00 - 15:00								
12:00	33		30		93		54	
12:05	19		14		64		67	
12:10	21		22		75		60	
12:15	38		18		119		69	
12:20	19		34		78		75	
12:25	39		24		95		55	
12:30	36		34		101	1	62	
12:35	32		23		70		67	
12:40	40		31		48		78	
12:45	39		40		88		74	
12:50	42		37		90		75	
12:55	47		47		56		90	
H/Total	405	0	354	0	977	1	826	0
13:00	25		44		65		73	
13:05	42		30		89		65	
13:10	37		34		81		77	
13:15	31		29		62		93	
13:20	23		31		75		61	
13:25	17		25		65		83	
13:30	44		24		86		66	
13:35	26		18		86		50	
13:40	20		16		70		67	
13:45	29		39		54		68	
13:50	56		44		55		78	
13:55	63		24		58		79	
H/Total	413	0	358	0	846	0	860	0
14:00	40		29		64		64	
14:05	11		41		71		68	
14:10	43		24		53		83	
14:15	23		22		65		45	
14:20	10		23		58		61	
14:25	25		27		26		58	
14:30	27		18		48		60	
14:35	18		30		46		71	
14:40	16		34		44		84	
14:45	26		21		52		66	
14:50	13		28		70		46	
14:55	31		49		74		52	
H/Total	283	0	346	0	671	0	758	0
Total	1101	0	1058	0	2494	1	2444	0

Project Number: TSP13888
 Project Name: Shoreditch, East London
 Survey Type: Pedestrian Count
 Site No: 3
 Location: Sclater Street
 Date: 24 Jun 2018, Sunday



Time	Footpath 1				Footpath 2			
	East		West		East		West	
	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy
12:00 - 15:00								
12:00			1		4		15	
12:05					9		3	
12:10			1		9		5	
12:15			1		12		5	
12:20	1		1		9		15	1
12:25			1		8		11	
12:30					10		12	
12:35					10		9	
12:40	1		1		9		11	
12:45	1				3		12	
12:50			1		33		9	
12:55					19		9	
H/Total	3	0	7	0	135	0	116	1
13:00					8		9	
13:05			1		9		10	
13:10					21		6	1
13:15					16		6	2
13:20	1		3		22		22	
13:25	1				20		9	
13:30	1		1		19		4	1
13:35			1		3		7	
13:40			2		11		16	
13:45			1		11		6	
13:50			1		14		5	
13:55					15		13	
H/Total	3	0	10	0	169	0	113	4
14:00					13		22	
14:05	3		2		11	1	16	
14:10					13		12	
14:15					4		4	
14:20					20		8	
14:25			1		22		7	
14:30					18		2	
14:35					9		19	
14:40	1				18		15	
14:45	1		2		8		8	
14:50			1		23	1	5	
14:55	1				32		7	
H/Total	6	0	6	0	191	2	125	0
Total	12	0	23	0	495	2	354	5

Project Number: TSP13888
 Project Name: Shoreditch, East London
 Survey Type: Pedestrian Count
 Site No: 4
 Location: Brick Lane
 Date: 24 Jun 2018, Sunday



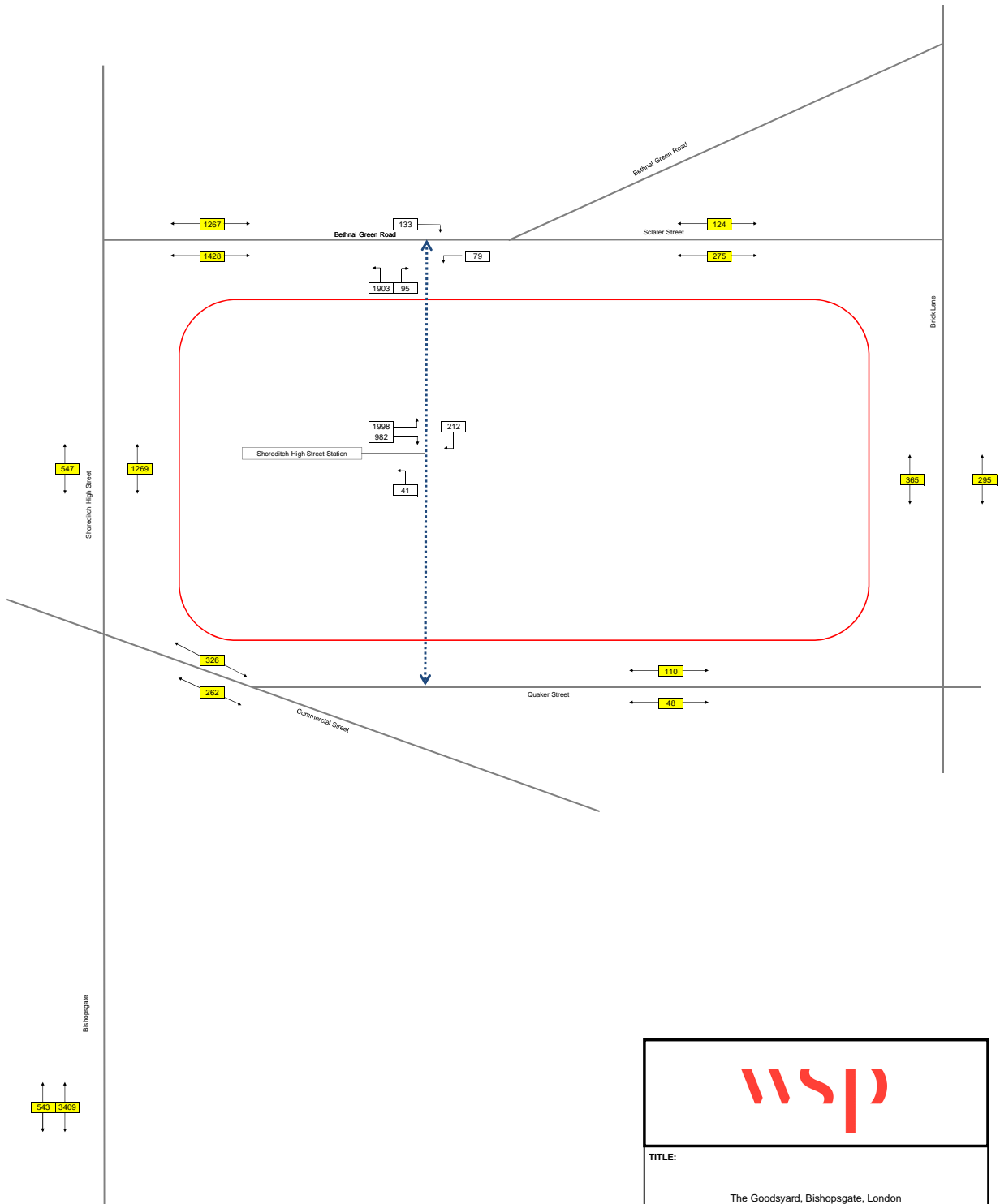
Time	Footpath 1				Footpath 2			
	North		South		North		South	
	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy
12:00 - 15:00								
12:00	46		16		16		26	
12:05	27		29		14		25	
12:10	66		26		8		21	1
12:15	40		32		10		14	
12:20	42		37		8		29	
12:25	46		19		12		27	
12:30	75		24		27		15	1
12:35	39		30		17		16	
12:40	50		14		36		27	1
12:45	45		22		16		14	
12:50	22		14		15		11	
12:55	49		23		9		25	
H/Total	547	0	286	0	188	0	250	3
13:00	55		26		12		46	
13:05	47		7		2		32	
13:10	48		17		27		19	
13:15	55		33		17	1	15	
13:20	56		22		7		17	
13:25	54	3	14		8		17	2
13:30	42		37		11		30	
13:35	41	1	27	2	7		15	2
13:40	38		27		16	2	31	
13:45	55		23		10		20	
13:50	54		24		11		26	
13:55	47		24		20		21	
H/Total	592	4	281	2	148	3	289	4
14:00	58		35		12		27	
14:05	39		25	2	17		26	
14:10	33		40		8		36	
14:15	29		27		11		24	
14:20	28		30		9		7	
14:25	44		18		7		17	
14:30	30		28		4		21	
14:35	44		43		8		7	
14:40	34		62		5		57	
14:45	43		91				13	
14:50	34		86		2		4	
14:55	22		63		1			
H/Total	438	0	548	2	84	0	239	0
Total	1577	4	1115	4	420	3	778	7

Project Number: TSP13888
 Project Name: Shoreditch, East London
 Survey Type: Pedestrian Count
 Site No: 5
 Location: Shoreditch High Street
 Date: 24 Jun 2018, Sunday

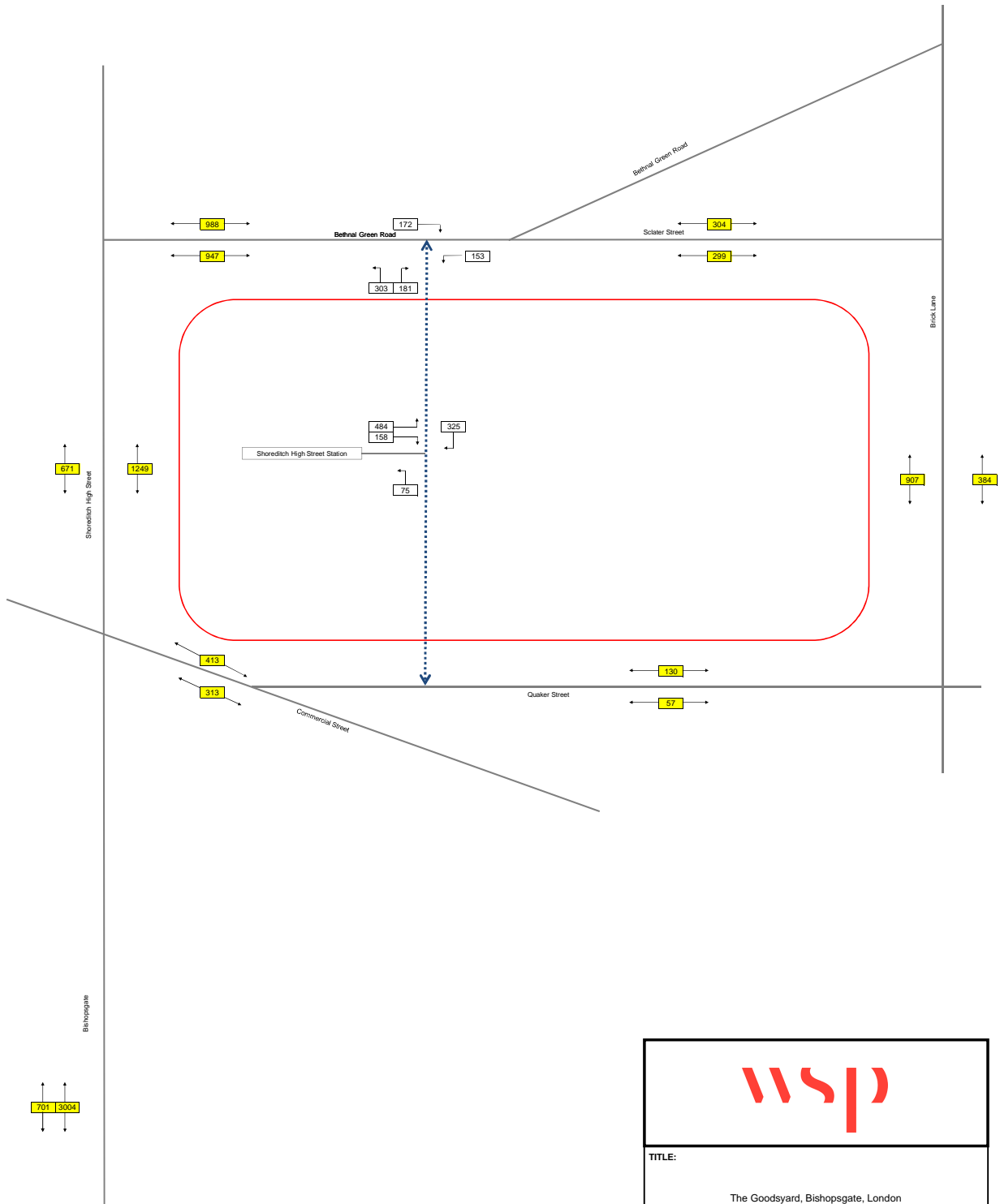


Time	Footpath 1				Footpath 2			
	North		South		North		South	
	Ped	Pcy	Ped	Pcy	Ped	Pcy	Ped	Pcy
12:00 - 15:00								
12:00	26		51		27		13	
12:05	48		55		43		19	
12:10	49		44		44		26	
12:15	57		70		47		21	
12:20	40		55		30		16	
12:25	54		71		20		16	
12:30	83		95		38	1	24	
12:35	42		67		26		17	
12:40	53		60		38		24	
12:45	43		74		47		16	
12:50	59		102		21		19	
12:55	52		90		18		26	
H/Total	606	0	834	0	399	1	237	0
13:00	48		81		24		10	
13:05	52		92		17		12	1
13:10	44		71		12		1	
13:15	52		83		38		17	
13:20	58		90		27		16	
13:25	44		67		28		16	
13:30	24		70		17		24	
13:35	37		56		25		12	
13:40	50		64		17		19	
13:45	43		50		12		10	1
13:50	59		90		22		10	
13:55	53		93	1	25		29	
H/Total	564	0	907	1	264	0	176	2
14:00	47		75		36		9	
14:05	57		91		23		21	
14:10	47		54		20		21	
14:15	46		71		16		10	
14:20	51		77		10		14	
14:25	47		61		18	1	7	
14:30	32		43		13		22	
14:35	42		68		26		13	
14:40	40		70		19		9	
14:45	49		67		9		32	
14:50	56		89		28		20	
14:55	73		118		33		42	
H/Total	587	0	884	0	251	1	220	0
Total	1757	0	2625	1	914	2	633	2

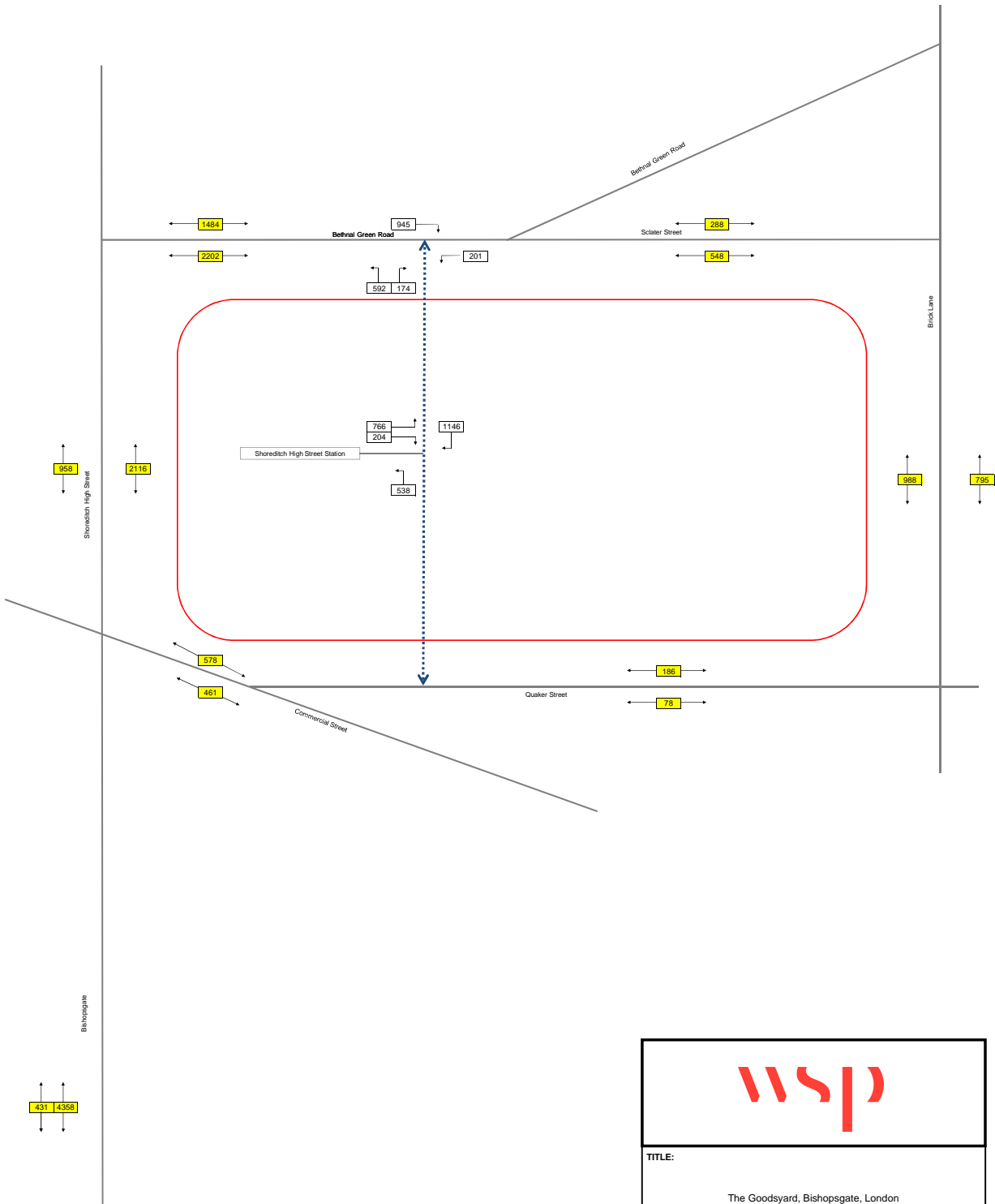
**APPENDIX D 2018
PEDESTRAIN FLOW
DIAGRAMS**

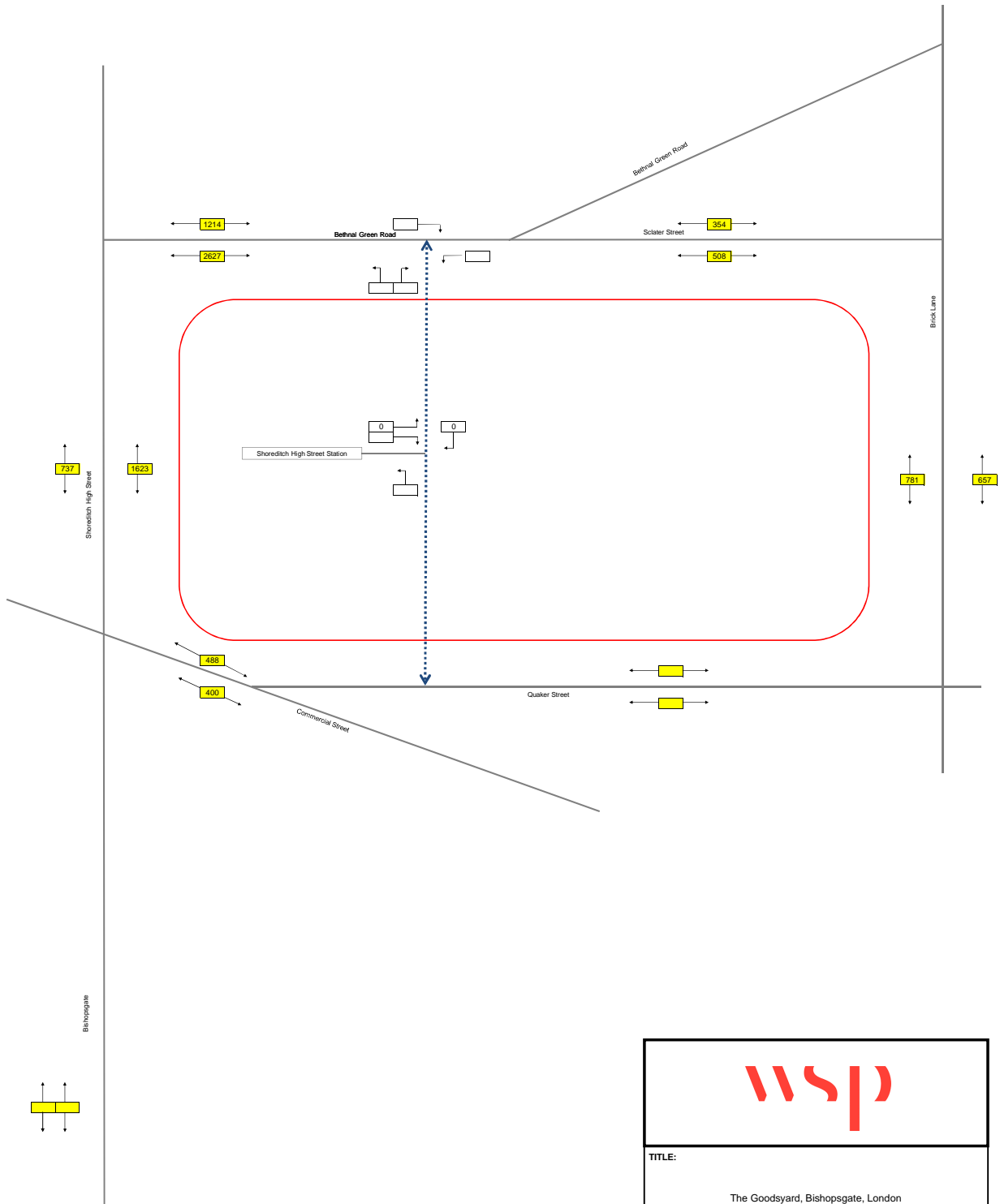


TITLE: The Goodyard, Bishopsgate, London
SCENARIO: 2018 Base Weekday AM Peak (0830-0930 hours) - Thursday

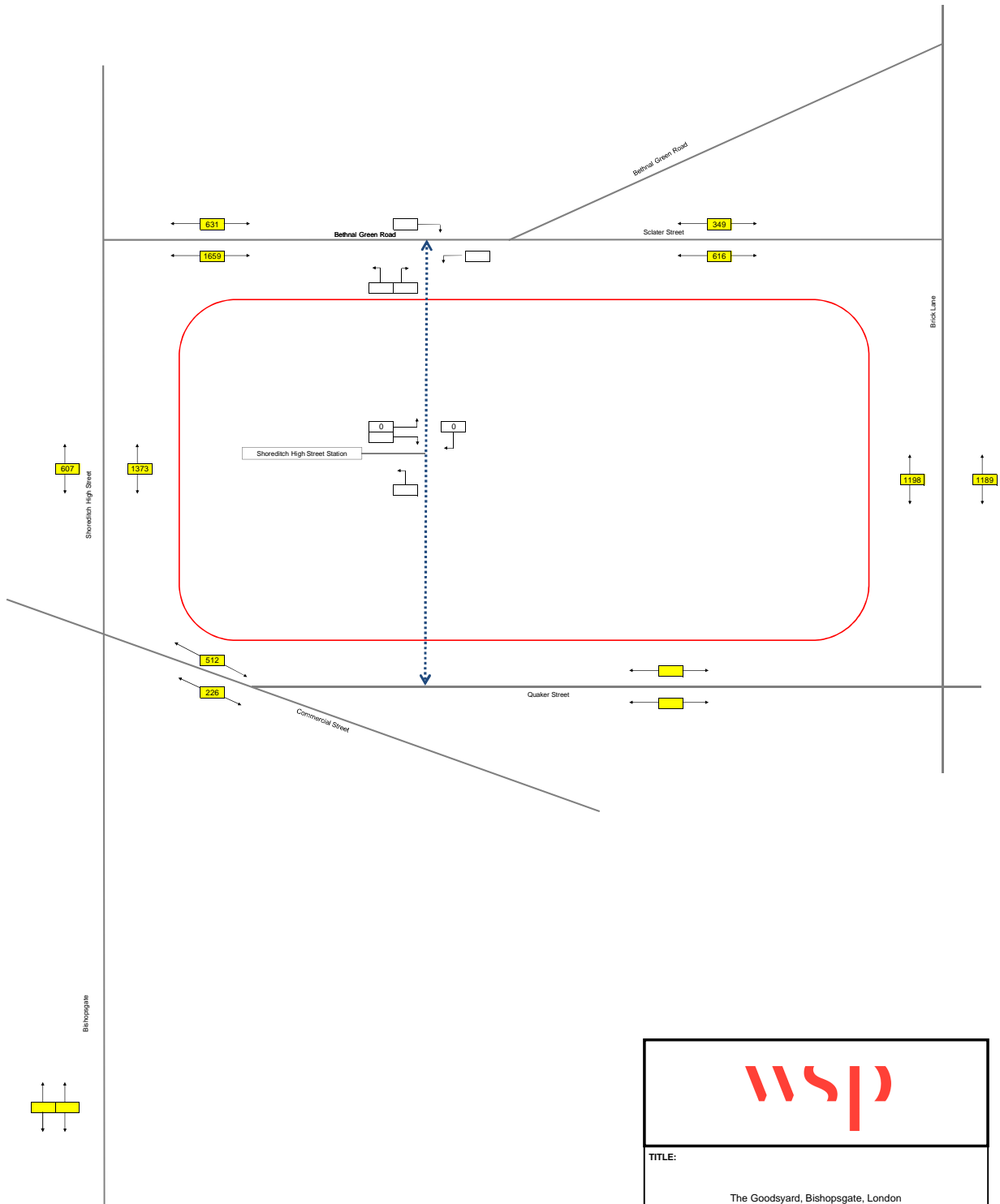



TITLE: The Goodyard, Bishopsgate, London
SCENARIO: 2018 Base Weekday Peak (1230-1330 hours) - Thursday

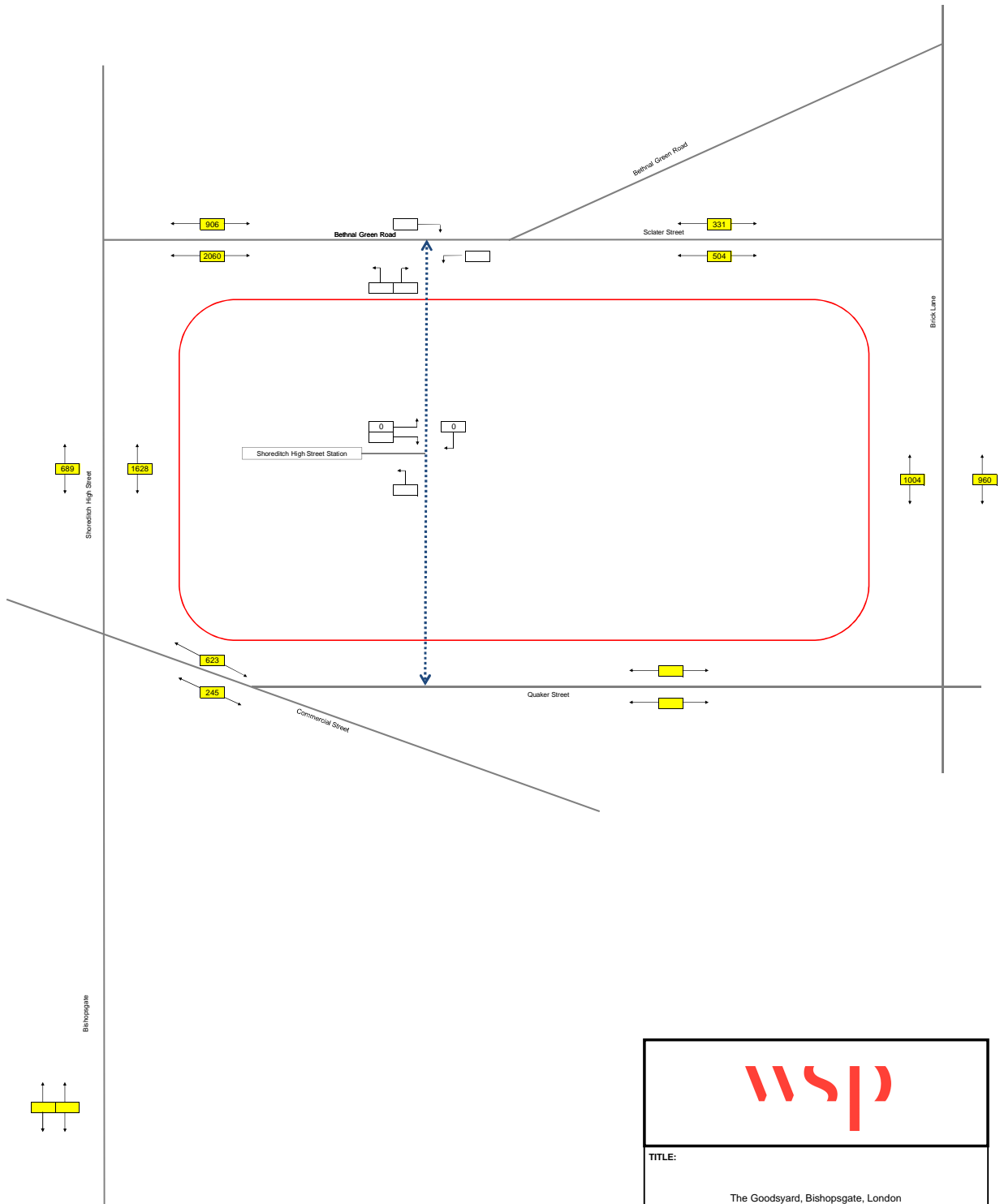




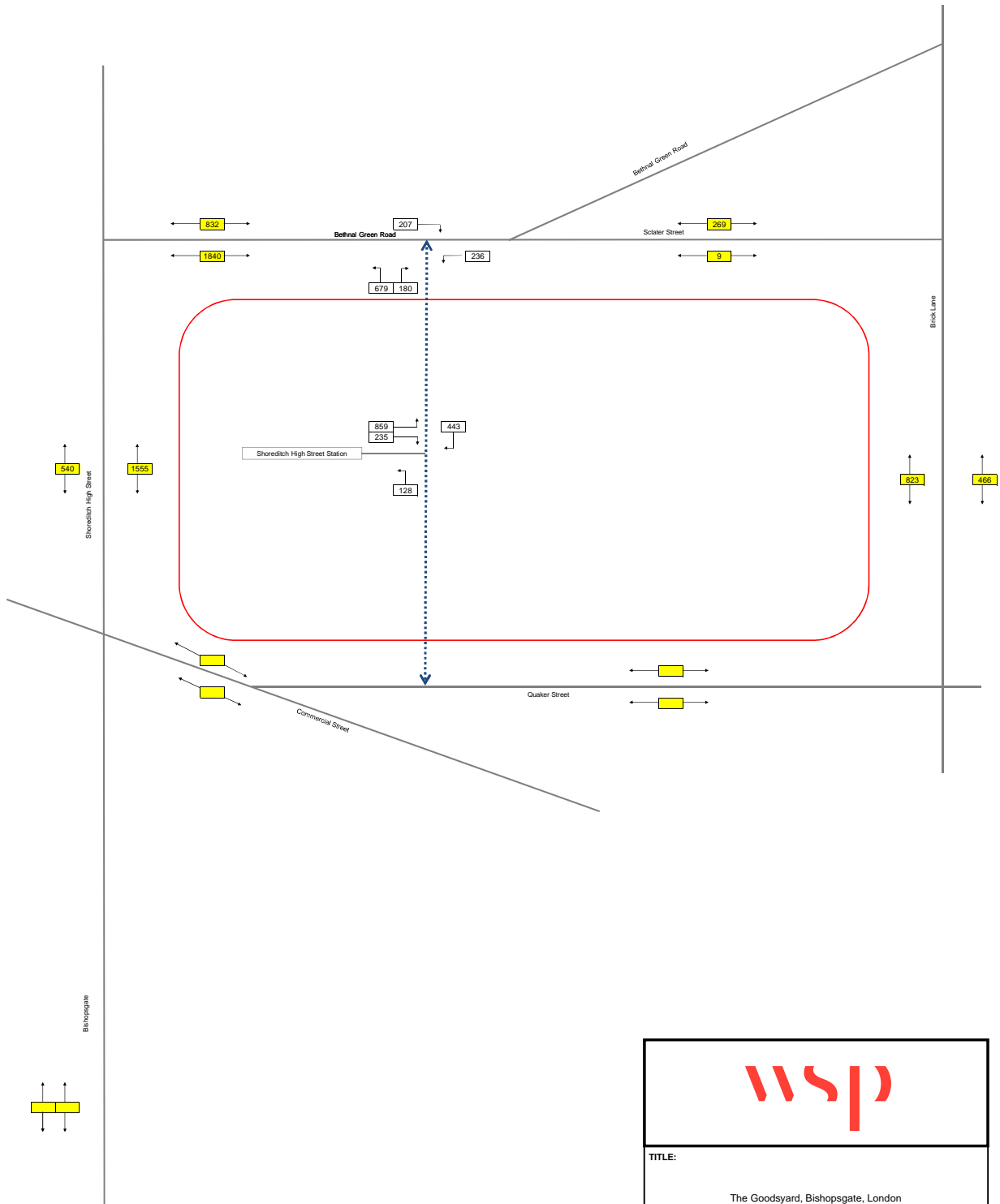
TITLE: The Goodsyrd, Bishopsgate, London
SCENARIO: 2018 Base Weekday Peak (1800-1900 hours) - Friday



	
TITLE:	The Goodyard, Bishopsgate, London
SCENARIO:	2018 Base Saturday IP Peak (1400-1500 hours)



	
TITLE:	The Goodsyards, Bishopsgate, London
SCENARIO:	2018 Base Saturday PM Peak (1800-1900 hours)



TITLE:	The Goodyard, Bishopsgate, London
SCENARIO:	2018 Base Sunday IP Peak (1215-1315 hours)

APPENDIX E PCL ASSESSMENT

Pedestrian Comfort Level Guidance: Spreadsheet
First Edition 2010

This spreadsheet accompanies the "Pedestrian
Comfort Guidance" Document, 2010 and instructions
for using this spreadsheet are found in that document.

Both documents were commissioned by Transport for London.

Thanks are due to:

Julie Dye, Tom Frith, and Oliver Lord
Rob Edwards
Brett Little
Dave Condon
John Lee
Danny Calver
Crispin Rees
Clare Woodcock and Lucy Godfrey

Spreadsheet Version 1.3 by Atkins 2010
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Email: walking@tfl.gov.uk

Transport for London



PEDESTRIAN COMFORT ASSESSMENT: FOOTWAY COMFORT - 2015 Base Weekday PM Peak

Clear Examples		Street Furniture 1										Street Furniture 2			Street Furniture 3			Pedestrian Comfort Level (For Average Flows)				Pedestrian Comfort Level (For Peak Hour Flows)				Pedestrian Comfort Level (Average of Hour Activity)						
Location Name	Location Type	Area Type	Average Flow	Peak Hour Flow	Ave of Max Activity	Total Width	Building Edge?	Kept Edge?	Any unusable width (cd/m)	Type	Width of Furniture	Buffer	Type	Width of Furniture	Buffer	Type	Width of Furniture	Buffer	Clear Footway Width	Average Flow Crowding (ppmm)	Peak Hour Flow Crowding (ppmm)	Ave of Max Activity Crowding (ppmm)	Average PCL	Total Width Required for PCL B+	Clear Width Required For PCL B+	Peak Hour PCL	Peak Hour PCL	Total Width Required for PCL B+	Clear Width Required For PCL B+	Ave of Max PCL	Total Width Required for PCL B+	Clear Width Required For PCL B+
8a Shoreditch High Street (east)	Full Footway Width Change	Office Retail	1837	1837	3.5	Yes	Yes												3.1	0	10	0	A+	1.90	1.50	B+	2.98	2.56	A+	1.90	1.50	
8b Shoreditch High Street (west)	Full Footway Width Change	Office Retail	1090	1090	3	Yes	Yes												2.6	0	7	0	A+	1.90	1.50	A-	1.92	1.52	A+	1.90	1.50	
Shoreditch High Street (one)	Full Footway Width	Office Retail	1837	1837	3	Yes	Yes												2.6	0	12	0	A+	1.90	1.50	B	2.98	2.56	A+	1.90	1.50	

MAYOR OF LONDON PEDESTRIAN COMFORT ASSESSMENT: FOOTWAY COMFORT

MAYOR OF LONDON PEDESTRIAN COMFORT ASSESSMENT: FOOTWAY COMFORT



Sign Off	Assessed By	Reviewed By	Date	16/12/2013	16/12/2013	Date
<p>Summary Info</p> <p>Location Name: [Blank]</p> <p>Area Type: [Blank]</p> <p>Peak Hour Flow (PHF): [Blank]</p> <p>Total Footway Width: [Blank]</p> <p>Clear Footway Width: [Blank]</p> <p>Footway Surface Impact: [Blank]</p>	<p>Blacks Lane (Peak 15th)</p> <p>Full Footway Width: [Blank]</p> <p>Office Retail: [Blank]</p>	<p>Blacks Lane (Peak 15th)</p> <p>Full Footway Width: [Blank]</p> <p>Office Retail: [Blank]</p>	<p>Blacks Lane (Peak 15th)</p> <p>Full Footway Width: [Blank]</p> <p>Office Retail: [Blank]</p>	<p>Blacks Lane (Peak 15th)</p> <p>Full Footway Width: [Blank]</p> <p>Office Retail: [Blank]</p>	<p>Blacks Lane (Peak 15th)</p> <p>Full Footway Width: [Blank]</p> <p>Office Retail: [Blank]</p>	<p>Blacks Lane (Peak 15th)</p> <p>Full Footway Width: [Blank]</p> <p>Office Retail: [Blank]</p>
<p>Pedestrian Comfort (Average Level) (At peak hour flow)</p> <p>Pedestrian Comfort Level (PCL): [Blank]</p> <p>Clear Width Required for PCL: [Blank]</p>	<p>As 1.0 gpm</p> <p>Clear Width Required for PCL: [Blank]</p>	<p>As 1.0 gpm</p> <p>Clear Width Required for PCL: [Blank]</p>	<p>As 1.0 gpm</p> <p>Clear Width Required for PCL: [Blank]</p>	<p>As 1.0 gpm</p> <p>Clear Width Required for PCL: [Blank]</p>	<p>As 1.0 gpm</p> <p>Clear Width Required for PCL: [Blank]</p>	<p>As 1.0 gpm</p> <p>Clear Width Required for PCL: [Blank]</p>
<p>Impact</p> <p>Pedestrian Comfort at Peak Hour Flow</p>	<p>The footway on this site should be comfortable for its intended use at most times, but may need to be widened to meet the needs of the site in future.</p>	<p>The footway on this site should be comfortable for its intended use at most times, but may need to be widened to meet the needs of the site in future.</p>	<p>The footway on this site should be comfortable for its intended use at most times, but may need to be widened to meet the needs of the site in future.</p>	<p>The footway on this site should be comfortable for its intended use at most times, but may need to be widened to meet the needs of the site in future.</p>	<p>The footway on this site should be comfortable for its intended use at most times, but may need to be widened to meet the needs of the site in future.</p>	<p>The footway on this site should be comfortable for its intended use at most times, but may need to be widened to meet the needs of the site in future.</p>
<p>Impact</p> <p>Pedestrian Comfort at Average of Maximum Activity</p>	<p>Even when under additional stress, the footway on this site should be comfortable.</p>	<p>Even when under additional stress, the footway on this site should be comfortable.</p>	<p>Even when under additional stress, the footway on this site should be comfortable.</p>	<p>Even when under additional stress, the footway on this site should be comfortable.</p>	<p>Even when under additional stress, the footway on this site should be comfortable.</p>	<p>Even when under additional stress, the footway on this site should be comfortable.</p>
<p>Impact</p> <p>Notes</p>						
<p>Impact</p> <p>Mitigation</p>						

Clear Examples	Pedestrian Comfort Level (PCL)																					
	Location/Arm	Area Type	Average Flow	Peak Hour Flow	Width of Crossing Arm	Width of Island (for people to pass)	Time on Green/Min	Time on Red/Min	Time Blackout	Total Cycle Time	Total Available Crossing Time	% Time Available to Cross	Number of Cycles per Hour	Relative PPH Average	Relative PPH Peak Hour	Space for People to Pass			Queues on Crossing Island			
																Average PCL	Peak Hour PCL	Peak Hour PCL	Average PCL	Peak Hour PCL	Average PCL	Peak Hour PCL
	Shoreditch High Street (east) Office Retail		1282	3.9	3.9	34	46	8	88	42	48%	41	2636	#N/A	B+	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	E
	Shoreditch High Street (east) Office Retail		752	3.9	3.9	34	46	8	88	42	48%	41	1576	#N/A	A-	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	E
	Shoreditch High Street (east) Office Retail		1693	3.9	3.9	34	46	8	88	42	48%	41	3547	#N/A	B-	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	E
	Pedestrian Island to Commis Office Retail			2.9	3	36	45	8	89	44	49%	40	1992	#N/A	B+	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	E

Clear Examples	Pedestrian Comfort Level (PCL)																			
	Space for People to Pass																			
	Crossing Arm							Queues on Crossing Island												
Location/Arm	Area Type	Average Flow	Peak Hour Flow	Width of Crossing Arm	Width of Island (for people to pass)	Time on Green/min	Time on Red/min	Time Blackout	Total Cycle Time	Total Available Crossing Time	% Time Available to Cross	Number of Cycles per Hour	Relative PPH Average	Relative PPH Peak Hour	Average PCL	Peak Hour PCL	Average PCL	Peak Hour PCL	Peak Hour PCL	
Shoreditch High Street (east)	Office Retail		1897	3.9		34	46	8	88	42	48%	41		3975	#N/A	B-				E

MAYOR OF LONDON PEDESTRIAN COMFORT ASSESSMENT: CROSSING COMFORT

MAYOR OF LONDON PEDESTRIAN COMFORT ASSESSMENT: CROSSING COMFORT



Transport for London

Sign Off	Assessed By	Date	Summary Info	Location Name	Area Type	Peak Hour Flow (PHF)	Width of Crossing Arm	Green Man	Blackout	Red Man	Green Man	Blackout	Red Man
			100 Whitehall Road, London EC4A 3DF	100 Whitehall Road	Office Retail	100	3.0m	34s	46s	46s	34s	46s	46s
			100 Whitehall Road, London EC4A 3DF	100 Whitehall Road	Office Retail	100	3.0m	34s	46s	46s	34s	46s	46s
			100 Whitehall Road, London EC4A 3DF	100 Whitehall Road	Office Retail	100	3.0m	34s	46s	46s	34s	46s	46s

Sign Off	Assessed By	Date	Summary Info	Location Name	Area Type	Peak Hour Flow (PHF)	Width of Crossing Arm	Green Man	Blackout	Red Man	Green Man	Blackout	Red Man
			100 Whitehall Road, London EC4A 3DF	100 Whitehall Road	Office Retail	100	3.0m	34s	46s	46s	34s	46s	46s
			100 Whitehall Road, London EC4A 3DF	100 Whitehall Road	Office Retail	100	3.0m	34s	46s	46s	34s	46s	46s
			100 Whitehall Road, London EC4A 3DF	100 Whitehall Road	Office Retail	100	3.0m	34s	46s	46s	34s	46s	46s

PEDESTRIAN COMFORT ASSESSMENT: FOOTWAY COMFORT - 2013 Base Weekday AM Peak

Clear Examples

Location Name	Location Type	Area Type	Average Flow	Peak Hour Flow	Ave of Max Activity	Total Width	Building Edge?	Kerb Edge?	Any unusable width (d6m)	Street Furniture 1			Street Furniture 2			Street Furniture 3			Pedestrian Comfort Level (For Average Flow)				Pedestrian Comfort Level (For Peak Hour Flow)				Pedestrian Comfort Level (Average of Max Activity)			
										Type	Width of Furniture	Buffer	Type	Width of Furniture	Buffer	Type	Width of Furniture	Buffer	Average PCL	Total Width Required For PCL-B+	Clear Width Required For PCL-B+	Ave of Max PCL	Total Width Required For PCL-B+	Clear Width Required For PCL-B+	Ave of Max PCL	Total Width Required For PCL-B+	Clear Width Required For PCL-B+	Ave of Max PCL	Total Width Required For PCL-B+	Clear Width Required For PCL-B+
1a - Bernal Green Road (north side)	Full Footway With Change	Office Retail	1716	412	3.6	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
1b - Bernal Green Road (south side)	Full Footway With Change	Office Retail	1716	412	3.6	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
2a - Scaire Street (north side)	Full Footway With Change	Office Retail	412	412	2.3	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
2b - Scaire Street (south side)	Full Footway With Change	Office Retail	412	412	2.3	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
3a - Brick Lane (east side)	Full Footway With Change	Office Retail	599	599	2	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
3b - Brick Lane (west side)	Full Footway With Change	Office Retail	599	599	2	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
4a - Chalk Street (north side)	Full Footway With Change	Office Retail	1172	1172	2.3	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
4b - Chalk Street (south side)	Full Footway With Change	Office Retail	1172	1172	2.3	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50

PEDESTRIAN COMFORT ASSESSMENT: FOOTWAY COMFORT - 2013 Base Weekday Lunchtime Peak

Clear Examples

Location Name	Location Type	Area Type	Average Hour Flow	Peak Hour Flow	Ave of Max Activity	Total Width	Building Edge?	Kerb Edge?	Any unusable width (c6m)	Street Furniture 1			Street Furniture 2			Street Furniture 3			Pedestrian Comfort Level (For Average Flow)				Pedestrian Comfort Level (For Peak Hour Flow)				Pedestrian Comfort Level (Average of Max Activity)			
										Type	Width of Furniture	Buffer	Type	Width of Furniture	Buffer	Type	Width of Furniture	Buffer	Average PCL	Total Width Required for PCL-B+	Clear Width Required for PCL-B+	Peak Hour PCL	Peak Hour PCL	Peak Hour PCL	Total Width Required for PCL-B+	Clear Width Required for PCL-B+	Ave of Max PCL	Total Width Required for PCL-B+	Clear Width Required for PCL-B+	Ave of Max PCL
5a Commercial Street from south of Footway Width Change	Office Retail	Office Retail	545	1821	1821	2.2	Yes	Yes											A++	1.90	1.50	A	1.90	1.50	A++	1.90	1.50	A++	1.90	1.50
5b Commercial Street from north of Footway Width Change	Office Retail	Office Retail	545	1821	1821	2.2	Yes	Yes											A++	1.90	1.50	A	1.90	1.50	A++	1.90	1.50	A++	1.90	1.50
6a Shoreditch High Street (east of Footway Width Change)	Office Retail	Office Retail	1821	5784	5784	3.5	Yes	Yes											A++	1.90	1.50	B+	3.07	2.67	A++	1.90	1.50	A++	1.90	1.50
6b Shoreditch High Street (west of Footway Width Change)	Office Retail	Office Retail	1821	5784	5784	3.5	Yes	Yes											A++	1.90	1.50	B+	3.07	2.67	A++	1.90	1.50	A++	1.90	1.50
7a Middle Row (East of Brantwood Footway Width Change)	Office Retail	Office Retail	1259	1541	1541	9.5	Yes	Yes											A++	1.90	1.50	A	1.90	1.50	A++	1.90	1.50	A++	1.90	1.50
7b Middle Row (West of Brantwood Footway Width Change)	Office Retail	Office Retail	1259	1541	1541	9.5	Yes	Yes											A++	1.90	1.50	A	1.90	1.50	A++	1.90	1.50	A++	1.90	1.50
8a Middle Row (East of Brantwood Footway Width Change)	Office Retail	Office Retail	1541	1821	1821	13	Yes	Yes											A++	1.90	1.50	A+	2.15	1.75	A++	1.90	1.50	A++	1.90	1.50
8b Middle Row (West of Brantwood Footway Width Change)	Office Retail	Office Retail	1541	1821	1821	13	Yes	Yes											A++	1.90	1.50	A+	2.15	1.75	A++	1.90	1.50	A++	1.90	1.50
9a Brantwood Street (South of Footway Width Change)	Office Retail	Office Retail	552	1821	1821	10	Yes	Yes											A++	1.90	1.50	A+	1.90	1.50	A++	1.90	1.50	A++	1.90	1.50
9b Brantwood Street (North of Footway Width Change)	Office Retail	Office Retail	552	1821	1821	10	Yes	Yes											A++	1.90	1.50	A+	1.90	1.50	A++	1.90	1.50	A++	1.90	1.50
9c Brantwood Street (West side of Footway Width Change)	Office Retail	Office Retail	5079	1821	1821	5	Yes	Yes											A++	1.90	1.50	C+	7.46	7.06	A++	1.90	1.50	A++	1.90	1.50

PEDESTRIAN COMFORT ASSESSMENT: FOOTWAY COMFORT - 2013 Base Weekday Lunchtime Peak

Clear Examples

Location Name	Location Type	Area Type	Average Flow	Peak Hour Flow	Ave of Max Activity	Total Width	Building Edge?	Kerb Edge?	Any unusable width (c6m)	Street Furniture 1			Street Furniture 2			Street Furniture 3			Pedestrian Comfort Level (For Average Flows)				Pedestrian Comfort Level (For Peak Hour Flows)				Pedestrian Comfort Level (Average of Hour Activity)			
										Type	Width of Furniture	Buffer	Type	Width of Furniture	Buffer	Type	Width of Furniture	Buffer	Average PCL	Total Width Required for PCL-B+	Clear Width Required for PCL-B+	Peak Hour PCL	Peak Hour PCL	Peak Hour PCL	Ave of Max PCL	Total Width Required for PCL-B+	Clear Width Required for PCL-B+	Ave of Max PCL	Total Width Required for PCL-B+	Clear Width Required for PCL-B+
5a Commercial Street from side of Footway W/ER	Office Retail	Office Retail	415	1108	0	2.2	Yes	Yes											A+	1.90	1.50	A	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
5b Commercial Street from side of Footway W/ER	Office Retail	Office Retail	415	1108	0	2.2	Yes	Yes											A+	1.90	1.50	A	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
6a Shoreditch High Street (east) of Footway W/ER	Change Office Retail	Change Office Retail	1108	1108	0	3.5	Yes	Yes											A+	1.90	1.50	A	1.94	1.54	A+	1.90	1.50	A+	1.90	1.50
6b Shoreditch High Street (west) of Footway W/ER	Change Office Retail	Change Office Retail	1108	1108	0	3.5	Yes	Yes											A+	1.90	1.50	A	1.94	1.54	A+	1.90	1.50	A+	1.90	1.50
7a Middle Row (East of Brantford) of Footway W/ER	Change Office Retail	Change Office Retail	1668	1668	0	9.5	Yes	Yes											A+	1.90	1.50	A	2.72	2.32	A+	1.90	1.50	A+	1.90	1.50
7b Middle Row (West of Brantford) of Footway W/ER	Change Office Retail	Change Office Retail	1668	1668	0	9.5	Yes	Yes											A+	1.90	1.50	A	2.72	2.32	A+	1.90	1.50	A+	1.90	1.50
8a Middle Row (East of Brantford) of Footway W/ER	Change Office Retail	Change Office Retail	1668	1668	0	9.5	Yes	Yes											A+	1.90	1.50	A	3.05	2.65	A+	1.90	1.50	A+	1.90	1.50
8b Middle Row (West of Brantford) of Footway W/ER	Change Office Retail	Change Office Retail	1668	1668	0	9.5	Yes	Yes											A+	1.90	1.50	A	3.05	2.65	A+	1.90	1.50	A+	1.90	1.50
9a Brantford Street (South of Jct of Footway W/ER)	Office Retail	Office Retail	137	137	0	10	Yes	Yes											A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
9b Brantford Street (North of Jct of Footway W/ER)	Office Retail	Office Retail	137	137	0	10	Yes	Yes											A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
9c Brantford Street (West side) of Footway W/ER	Change Office Retail	Change Office Retail	4476	4476	0	5	Yes	Yes											A+	1.90	1.50	B-	6.62	6.22	A+	1.90	1.50	A+	1.90	1.50

PEDESTRIAN COMFORT ASSESSMENT: FOOTWAY COMFORT - 2013 Base Weekday Lunchtime Peak

Clear Examples

Location Name	Location Type	Area Type	Average Flow	Peak Hour Flow	Ave of Max Activity	Total Width	Building Edge?	Kerb Edge?	Any unusable width (c6m)	Street Furniture 1			Street Furniture 2			Street Furniture 3			Pedestrian Comfort Level (For Average Flows)				Pedestrian Comfort Level (For Peak Hour Flows)				Pedestrian Comfort Level (Average of Hour Activity)			
										Type	Width of Furniture	Buffer	Type	Width of Furniture	Buffer	Type	Width of Furniture	Buffer	Average PCL	Total Width Required for PCL-B+	Clear Width Required for PCL-B+	Ave of Max PCL	Peak Hour PCL	Peak Hour PCL	Peak Hour PCL	Peak Hour PCL	Total Width Required for PCL-B+	Clear Width Required for PCL-B+	Ave of Max PCL	Total Width Required for PCL-B+
5a Commercial Street from side of Footway W/ER	Office Retail	Office Retail	1484	1484	0	2.5	Yes	Yes											A+	1.90	1.50	A+	2.48	2.08	A+	1.90	1.50			
5b Commercial Street from side of Footway W/ER	Office Retail	Office Retail	1484	1484	0	2.5	Yes	Yes											A+	1.90	1.50	A+	2.48	2.08	A+	1.90	1.50			
6a Shoreditch High Street (east) of Footway W/ER	Change Office Retail	Change Office Retail	4198	4198	0	1.8	Yes	Yes											A+	1.90	1.50	A	6.65	6.25	A+	1.90	1.50			
6b Shoreditch High Street (west) of Footway W/ER	Change Office Retail	Change Office Retail	4198	4198	0	1.8	Yes	Yes											A+	1.90	1.50	A	6.65	6.25	A+	1.90	1.50			
7a Middle Row (East of Brantford) of Footway W/ER	Change Office Retail	Change Office Retail	5888	5888	0	9.5	Yes	Yes											A+	1.70	1.50	B+	8.38	8.18	A+	1.70	1.50			
7b Middle Row (West of Brantford) of Footway W/ER	Change Office Retail	Change Office Retail	5888	5888	0	9.5	Yes	Yes											A+	1.70	1.50	B+	8.38	8.18	A+	1.70	1.50			
8a Middle Row (East of Brantford) of Footway W/ER	Change Office Retail	Change Office Retail	5881	5881	0	1.70	Yes	Yes											A+	1.70	1.50	A	8.07	7.87	A+	1.70	1.50			
8b Middle Row (West of Brantford) of Footway W/ER	Change Office Retail	Change Office Retail	5881	5881	0	1.70	Yes	Yes											A+	1.70	1.50	A	8.07	7.87	A+	1.70	1.50			
9a Brantford Street (South of) of Footway W/ER	Change Office Retail	Change Office Retail	1059	1059	0	10	Yes	Yes											A+	1.70	1.50	A+	1.70	1.50	A+	1.70	1.50			
9b Brantford Street (South of) of Footway W/ER	Change Office Retail	Change Office Retail	1059	1059	0	10	Yes	Yes											A+	1.70	1.50	A+	1.70	1.50	A+	1.70	1.50			
9a Bishopsgate West side (west) of Footway W/ER	Change Office Retail	Change Office Retail	8623	8623	0	5	Yes	Yes											A+	1.90	1.50	D	12.38	11.98	A+	1.90	1.50			

PEDESTRIAN COMFORT ASSESSMENT: FOOTWAY COMFORT - 2013 Base Weekday Lunchtime Peak

Clear Examples

Location Name	Location Type	Area Type	Average Flow	Peak Hour Flow	Ave of Max Activity	Total Width	Building Edge?	Kerb Edge?	Any unusable width (c6m)	Street Furniture 1			Street Furniture 2			Street Furniture 3			Pedestrian Comfort Level (For Average Flow)				Pedestrian Comfort Level (For Peak Hour Flow)				Pedestrian Comfort Level (Average of Max Activity)			
										Type	Width of Furniture	Buffer	Type	Width of Furniture	Buffer	Type	Width of Furniture	Buffer	Average PCL	Total Width Required For PCL-B+	Clear Width Required For PCL-B+	Ave of Max PCL	Total Width Required For PCL-B+	Clear Width Required For PCL-B+	Peak Hour PCL	Peak Hour PCL	Peak Hour PCL	Total Width Required For PCL-B+	Clear Width Required For PCL-B+	Ave of Max PCL
1a) Bethnal Green Road (north) Full Footway Width Change	Office Retail	Office Retail	2530	1150	3.6	Yes	Yes												A+	1.90	1.50	B	3.92	3.52	A+	1.90	1.50	A+	1.90	1.50
1b) Bethnal Green Road (south) Full Footway Width Change	Office Retail	Office Retail	1185	1185	2.3	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
2a) Scaris Street (north side)	Full Footway Width Change	Office Retail	659	659	4.5	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
2b) Scaris Street (south side)	Full Footway Width Change	Office Retail	633	633	2	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
3a) Brick Lane (east side)	Full Footway Width	Office Retail	344	344	19	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
3b) Brick Lane (west side)	Full Footway Width	Office Retail	344	344	7	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
4a) Chalkwell Street (north side)	Full Footway Width	Office Retail	153	153	1	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
4b) Chalkwell Street (south side)	Full Footway Width	Office Retail	153	153	2.3	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50

PEDESTRIAN COMFORT ASSESSMENT: FOOTWAY COMFORT - 2013 Base Saturday Lunchtime Peak

Clear Examples

Location Name	Location Type	Area Type	Average Flow	Peak Hour Flow	Ave of Max Activity	Total Width	Building Edge?	Kerb Edge?	Any unusable width (c6m)	Street Furniture 1			Street Furniture 2			Street Furniture 3			Pedestrian Comfort Level (For Average Flow)				Pedestrian Comfort Level (For Peak Hour Flow)				Pedestrian Comfort Level (Average of Max Activity)			
										Type	Width of Furniture	Buffer	Type	Width of Furniture	Buffer	Type	Width of Furniture	Buffer	Average PCL	Total Width Required For PCL-B+	Clear Width Required For PCL-B+	Ave of Max PCL	Total Width Required For PCL-B+	Clear Width Required For PCL-B+	Ave of Max PCL	Total Width Required For PCL-B+	Clear Width Required For PCL-B+	Ave of Max PCL	Total Width Required For PCL-B+	Clear Width Required For PCL-B+
1a) Bernal Green Road (north side) Full Footway Width Change	Office Retail	Office Retail	249	849	3.6	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
1b) Bernal Green Road (south side) Full Footway Width Change	Office Retail	Office Retail	249	849	3.6	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
2a) Scarle Street (north side) Full Footway Width Change	Office Retail	Office Retail	531	1778	2.3	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
2b) Scarle Street (south side) Full Footway Width Change	Office Retail	Office Retail	1778	5781	4.5	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
3a) Brock Lane (east side) Full Footway Width Change	Office Retail	Office Retail	1552	5052	2	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
3b) Brock Lane (west side) Full Footway Width Change	Office Retail	Office Retail	1552	5052	2	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
4a) Stock Lane (east side) Full Footway Width Change	Office Retail	Office Retail	2447	7947	1.8	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
4b) Stock Lane (west side) Full Footway Width Change	Office Retail	Office Retail	2447	7947	1.8	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
5a) Shorechurch High Street (east side) Full Footway Width Change	Office Retail	Office Retail	1279	4127	3	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50
5b) Shorechurch High Street (west side) Full Footway Width Change	Office Retail	Office Retail	1279	4127	3	Yes	Yes												A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50	A+	1.90	1.50

APPENDIX F PERS AUDIT



The Goodsyard, Bishopsgate, London

PEDESTRIAN ENVIRONMENT REVIEW SYSTEM (PERS) AUDIT

Bishopsgate Goods Yard Regeneration Limited
(BGYRL)





The Goodsyard, Bishopsgate, London

PEDESTRIAN ENVIRONMENT REVIEW SYSTEM (PERS) AUDIT

Bishopsgate Goods Yard Regeneration Limited (BGYRL)

TYPE OF DOCUMENT (VERSION) CONFIDENTIAL

PROJECT NO. 70007539

OUR REF. NO.

DATE: MAY 2019



The Goodsyard, Bishopsgate, London

PEDESTRIAN ENVIRONMENT REVIEW SYSTEM (PERS) AUDIT

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QUALITY CONTROL

Issue/revision	First issue	Revision 1	Revision 2	Revision 3
Remarks				
Date				
Prepared by				
Signature				
Checked by				
Signature				
Authorised by				
Signature				
Project number				
Report number				
File reference				



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1 INTRODUCTION

1.1 APPOINTMENT

- 1.1.1. WSP has been appointed by Bishopsgate Goods Yard Regeneration Limited (BGYRL) to prepare a Pedestrian Environment Review System (PERS) Audit, in respect to the redevelopment proposals at The Goodsyard site, also known as the former Bishopsgate Goods Yard, which is located on land surrounding Shoreditch High Street station in London.
- 1.1.2. A PERS Audit was undertaken as part of the previous scheme in May 2015. As the PERS Audit relates only to the baseline scenario, it does not change even when a different development scenario is proposed.
- 1.1.3. In order to maintain consistency with the previous application, this PERS document retains the inputs from the original assessment which has then been reviewed and updated where appropriate based upon the situation in 2019.

2 METHODOLOGY

2.1 PURPOSE

- 2.1.1. This PERS Audit has been undertaken with reference to TfL's 'Pedestrian Environment Review System, Review Handbook, Version 2' (May 2006). The PERS Audit is based around two key principles:
- That the quality of the pedestrian environment may be evaluated according to the degree to which it meets pedestrians' needs; and
 - That in evaluating the degree to which pedestrians' needs are met by the environment, the objective should be to satisfy as many people as possible, with the standard pedestrian being considered towards the vulnerable end of the spectrum.
- 2.1.2. The assessment focuses on five key pedestrian needs referred to as 'the 5Cs':
- Convenience – routes should facilitate the desired journey without undue deviation or difficulty;
 - Connectivity – routes should link origins and destinations;
 - Conviviality – routes should be pleasant to use, with potential for activity within the public realm;
 - Coherence – routes should be continuous; and
 - Conspicuity – route design should allow the user to be seen by, and to see other pedestrians and vehicles to promote personal security and road safety.

2.2 PROCESS

- 2.2.1. The handbook prescribes a five stage process for conducting a PERS Audit:
- Stage 1: Definition of study area;
 - Stage 2a: Desk top identification of links, crossings, PTWAs, interchanges and routes;
 - Stage 2b: Collation of existing information;
 - Stage 3: On-street evaluation;
 - Stage 4: Data analysis using the software; and
 - Stage 5: Display and review outputs.

2.3 STAGE 1

- 2.3.1. The audit study area has been defined by pedestrian desire lines and routes to and from the site, to local amenities and public transport facilities. The development site is situated close to several key pedestrian axes, in particular the north to south route along Shoreditch High Street and the northwest to southeast route along Great Eastern Street and Commercial Street. In addition the north to south connection along Braithwaite Street passes through the centre of the site and provides access to Shoreditch High Street station.

2.4 STAGE 2A

- 2.4.1. The items that were identified for assessment are summarised in Table 2.1 (27 links, 11 crossings, 11 PTWAs and one interchange space).

Table 2-1 - Identified Items for PERS Audit

Reference	Item
Links	
L1	Shoreditch High Street northern section (west)
L2	Shoreditch High Street northern section (east)
L3	Bethnal Green Road (north)
L4	Bethnal Green Road (south)
L5	Sclater Street (north)
L6	Sclater Street (south)
L7	Brick Lane (west)
L8	Brick Lane (east)
L9	Quaker Street eastern section (north)
L10	Quaker Street central section (north)
L11	Quaker Street central section (south)
L12	Quaker Street western section (north)
L13	Quaker Street western section (south)
L14	Commercial Street southern section (east)
L15	Commercial Street southern section (west)
L16	Commercial Street northern section (east)
L17	Commercial Street northern section (west)
L18	Shoreditch High Street central section (east)
L19	Shoreditch High Street central section (west)
L20	Holywell Lane (north)
L21	Holywell Lane (south)
L22	Great Eastern Street (east)
L23	Great Eastern Street (west)
L24	Shoreditch High Street southern section (west)
L25	Shoreditch High Street southern section (east)

L26	Braithwaite Street (west)
L27	Braithwaite Street (east)
Crossings	
C1	Shoreditch High Street/Bethnal Green Road/Holywell Lane (north)
C2	Shoreditch High Street/Bethnal Green Road/Holywell Lane (west)
C3	Shoreditch High Street/Bethnal Green Road/Holywell Lane (east)
C4	Great Eastern Street/Holywell Lane (east)
C5	Great Eastern Street/Holywell Lane (south)
C6	Shoreditch High Street/Great Eastern Street/Commercial Street (west)
C7	Shoreditch High Street/Great Eastern Street/Commercial Street (north)
C8	Shoreditch High Street/Great Eastern Street/Commercial Street (east)
C9	Shoreditch High Street/Great Eastern Street/Commercial Street (southeast)
C10	Shoreditch High Street/Great Eastern Street/ Commercial Street (south)
C11	Norton Folgate/Worship Street
PTWAs	
PT1	Shoreditch High Street stop L (northbound)
PT2	Shoreditch High Street stop N (southbound)
PT3	Bethnal Green Road stop J (eastbound)
PT4	Bethnal Green stop K (westbound)
PT5	Great Eastern Street stop B (southbound)
PT6	Great Eastern Street stop A (northbound)
PT7	Commercial Street stop G (northbound)
PT8	Commercial Street stop H (southbound)
PT9	Shoreditch High Street stop F (northbound)
PT10	Shoreditch High Street stop E (northbound)
PT11	Shoreditch High Street stop D (southbound)
Interchange Spaces	
I1	Shoreditch High Street station

2.5 STAGE 2B

- 2.5.1. A full review of the existing conditions for the local highway and transport networks has been undertaken as part of the TA. The site is extremely well located in respect of public transport services, with bus, Overground, Underground and National Rail services accessible within recommended walking distances.
- 2.5.2. Bus stops are located adjacent to the site on Bethnal Green Road and Commercial Street. Specifically, a bus stop is located on the southern side of Bethnal Green Road in close proximity to Shoreditch High Street Station. The bus stop provides access to eastbound services for bus routes 8, 388 and N8. A bus stop for westbound services is located on the opposite side of the carriageway.
- 2.5.3. A bus stop is also located on the northern side of Commercial Street, providing access to southbound services for bus route 67. A bus stop for northbound services is located on the southern side of Commercial Street. Further bus stops are located on Shoreditch High Street, approximately 100 metres to the north and south of the site, providing access to numerous additional services for bus routes 26, 35, 47, 48, 78, 149, 242 and 388.
- 2.5.4. The ticket hall of Shoreditch High Street Overground station is situated within the centre of the site at ground level. Shoreditch High Street station is situated on the core route between Dalston Junction and Surrey Quays, and is served by up to 16 trains per hour in both directions.
- 2.5.5. The nearest underground station to the site is Liverpool Street which lies approximately 950 metres to the southwest of the application site. Liverpool Street is served by the Central, Circle, Hammersmith and City and Metropolitan lines.
- 2.5.6. Old Street station is located within approximately 1 kilometre to the northwest of the site, and is served by the Bank branch of the Northern line. Trains run northbound towards Edgware, High Barnet and Mill Hill East, and southbound towards Morden.
- 2.5.7. The nearest National Rail station to the site is Liverpool Street station, which is managed by Network Rail. In addition to the underground, Old Street station is also served by Great Northern trains to a number of destinations north of the site including Finsbury Park, Hertford North and Welwyn Garden City.

2.6 STAGE 3

- 2.6.1. An on site evaluation was initially undertaken in December 2013, and subsequently in January 2014. The weather conditions were generally clear for the duration of the audit. Elements of the audit area which had been initially assessed were reviewed in 2019 to ensure that any modifications to the public realm were reflected in final scorings.
- 2.6.2. The assessment review forms provided in the PERS Handbook were used to assess each item of the audit. These forms consist of a list of characteristics relating to the pedestrian environment, such as, obstructions, lighting and security. The extent to which each characteristic meets the needs of pedestrians is reviewed against a number of criteria to determine an overall score for the specific characteristic. The scores are numeric and range from -3 (very poor) to +3 (very good). The sum of the rated characteristics, with application of weighting factors, provides a final value which is then assigned 'Red', 'Amber', or 'Green' (RAG). The RAG colours represent the following:

- Red – significant concern with a particular aspect or facility;
- Amber – average provision with potentially some features that give cause for concern; and
- Green – good or very good provision.



Source: TRL's Pedestrian Environment Review System, Review Handbook Version 2, dated 2006 Pg 11

The overall score is then used as a basis of comparison with other pedestrian facilities.

2.7 STAGE 4

- 2.7.1. TRL's Street audit software (version 1.1.0.8) was used to analyse the findings of the audit based on the default weighting.

2.8 STAGE 5

- 2.8.1. Summary findings for the items reviewed by the audit are set out in Sections 3 to 7 of this report, with recommendations summarised in Section 8.

3 LINKS

3.1 SCORES

3.1.1. A total of 27 links were assessed as part of the PERS Audit. Table 3.1 provides a summary of the scores for the links assessed.

Table 3-1 - PERS Audit Scores for Links

Reference	Item	Total Score	Percent of Max Score	RAG colour
L1	Shoreditch High Street northern section (west)	59	37%	Green
L2	Shoreditch High Street northern section (east)	93	58%	Green
L3	Bethnal Green Road (north)	57	36%	Green
L4	Bethnal Green Road (south)	129	81%	Green
L5	Sclater Street (north)	32	20%	Amber
L6	Sclater Street (south)	-7	-6%	Amber
L7	Brick Lane (west)	114	71%	Green
L8	Brick Lane (east)	75	47%	Green
L9	Quaker Street eastern section (north)	92	57%	Green
L10	Quaker Street central section (north)	23	14%	Amber
L11	Quaker Street central section (south)	15	9%	Amber
L12	Quaker Street western section (north)	7	4%	Amber
L13	Quaker Street western section (south)	10	6%	Amber
L14	Commercial Street southern section (east)	95	59%	Green
L15	Commercial Street southern section (west)	78	49%	Green
L16	Commercial Street northern section (east)	76	48%	Green
L17	Commercial Street northern section (west)	40	25%	Amber
L18	Shoreditch High Street central section (east)	23	14%	Amber
L19	Shoreditch High Street central section (west)	75	47%	Green
L20	Holywell Lane (north)	-46	-38%	Red
L21	Holywell Lane (south)	-38	-32%	Amber

L22	Great Eastern Street (east)	100	62%	Green
L23	Great Eastern Street (west)	57	36%	Green
L24	Shoreditch High Street southern section (west)	96	60%	Green
L25	Shoreditch High Street southern section (east)	79	49%	Green
L26	Braithwaite Street (west)	-8	-7%	Amber
L27	Braithwaite Street (east)	-13	-11%	Amber

3.1.2. The results show that 15 of the links are marked as green (positive overall), 11 as amber (average), and one as red (poor). Key matters identified along the links rated ‘amber’ and ‘red’ are detailed below.

L5: Sclater Street (north)

3.1.3. The link serves as a key connection between Shoreditch High Street and Brick Lane. Whilst registering a positive score (20%), L5 nevertheless received an amber rating due to deficiencies in universal accessibility provision. Tactile information was absent at the eastern end, and only partially present at the western end. L5 was observed as having good illumination along its length. Some obstructions to the effective footway width were observed, in particular, the temporary obstruction shown in Plate 1 below.



Plate 1 – View of western end of Link L5, good quality surface and effective width, albeit partially restricted with presence of construction works

L6: Sclater Street (south)

3.1.4. The southern footway of Sclater Street was rated lower (-6%). As shown at Plates 2 and 3 below, the presence of parked vehicles reduces permeability across what is otherwise a relatively quiet street. Some obstructions in the form of retail signage were observed. There is some evidence of neglect dampening personal security, and it is suggested that it is the highway authority’s responsibility to ensure that litter is collected. The effective width of the footway is generally approximately 2 metres.



Plate 2 – View of Link L6 (westwards), neglected frontages



Plate 3 – View of Link L6 (eastwards), neglected frontages and obstructions

L10: Quaker Street central section (north)

This link achieved an amber rating (14%), which was mainly attributed to the inadequate provision of tactile paving and/or dropped kerbs. Also, adjacent frontages do not contribute to a particularly appealing visual environment. Legibility along this link is relatively poor given lack of signage. Trees are aligned limited obstructions.



Plate 4 – View of Link L10 (northwards)

L11: Quaker Street central section (south)

- 3.1.5. This link performed poorly on tactile paving and dropped kerb provision. The score 9% amber is also attributable to the presence of parked vehicles which restrict permeability across Quaker Street. As shown in Plate 5 below, the parked cars on the private section of footway also detract from the link's visual appeal, along with the adjacent frontage which has poor aesthetic appeal. However, it is noted that the footway is mainly even and unobstructed.



Plate 5 – View of Link L11 (eastwards)

L12: Quaker Street western section (north)

- 3.1.6. Overall the link scored 4% amber. This link is relatively short in length; however, provides a key connection for pedestrians walking between Shoreditch High Street station and Norton Folgate towards Liverpool Street station. The quality of the environment is relatively poor, there is a lack of tactile information and drop kerb provision. The presence of parked vehicles associated with the adjacent car wash detracts from permeability, although this active frontage does contribute to on street security.

L13: Quaker Street western section (south)

- 3.1.7. The southern footway along Quaker Street's western section scores marginally better (6%), but still registered the same matters of inadequate tactile paving and dropped kerbs as L12 opposite. Surface quality is not especially of a very good quality, nor is the feeling of personal security given that the frontages do not provide much surveillance. However, it is likely that pedestrian movements occur at all times of the day and night given the link's strategic position and this will add to perceived night time security.

L17: Commercial Street northern section (west)

- 3.1.8. The 25% amber rating for L17 is attributable to restricted effective width. There is the presence of street furniture associated with bus stop PT7, as well as temporary obstruction as shown in Plate 6. The extent of public illumination is considered to be lacking with the absence of active frontages (no lighting is provided from private sources).



Plate 6 – View of the eastern end of Link L17 (eastwards)

L18: Shoreditch High Street Central Section (East)

- 3.1.9. Link 18 is located adjacent to the western boundary of the application site and was rated amber (14%).
- 3.1.10. It is acknowledged that the presence of hoarding protecting listed structure within the site decreases the 'overall' effective width of the footway adjacent to the eastern boundary of the Shoreditch High Street/Commercial Street/Great Eastern Street signal controlled junction. A Pedestrian Comfort Level assessment of the 'pinch point' is detailed within the TA, and consideration has been given to pedestrian improvements at the junction (as set out in further detail towards the end of this section of the report).
- 3.1.11. The presence of hoarding does not add to the aesthetic appeal of the environment, and it is considered that the provision of active frontages would improve lighting and personal security. A Legible London map is located at the northern end of link L18.



Plate 7 – View of the southern end of Link L18 (eastwards), footway narrowing adjacent to Crossing 8 (C8)

L20: Holywell Lane (North)

- 3.1.12. Link L20 achieved the worse rating for links considered within this assessment (-38% red). Several matters have been identified as described below.
- 3.1.13. The effective footway width is poor, particularly at the western end. The presence of temporary scaffolding along the link further reduces the effective width for pedestrians. The presence of the railway viaduct reduces daylight penetration, and the adjacent car park is not particularly illuminated. There are a number of trip hazards due to uneven surfacing. Waste observed on the footway show some signs of neglect, and it is considered to be the highway authority's responsibility to better maintain this link.



Plate 8 – View of Link L20 (eastwards), evidence of narrow footway



Plate 9 – View of Link L20 (eastwards), trip hazards and narrow effective width caused by presence of temporary scaffolding

L21: Holywell Lane (south)

- 3.1.14. The southern footway along Holywell Lane received an amber rating, and was scored the second worse link within the assessment.
- 3.1.15. The link benefits from the presence of tactile paving at both ends (adjoining roads are major thoroughfares). There is no tactile paving provided at intermediate access points along the link. The footway itself was observed to be clean, but some of the adjacent frontages in the central section gave an impression of neglect.
- 3.1.16. The effective footway width is narrow, which is further restricted by the presence of obstructions. For example, a bicycle parked at a lamp post was observed on the day of the site visit (see Plate 11). This could be suggesting that the area would benefit from additional cycle parking facilities.

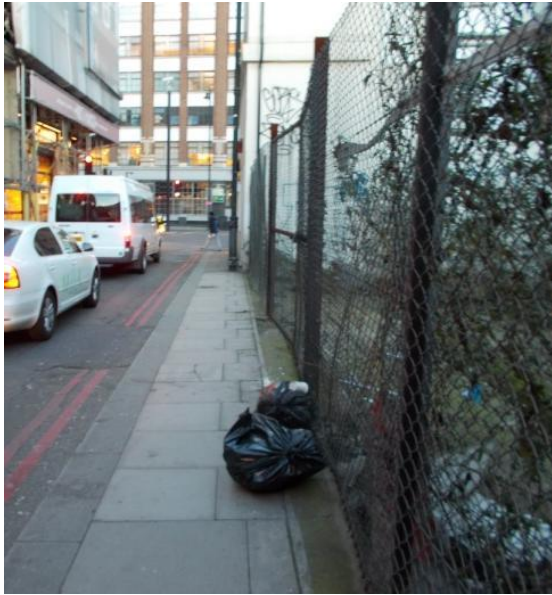


Plate 10 – View of Link L21 (eastwards), neglected frontage

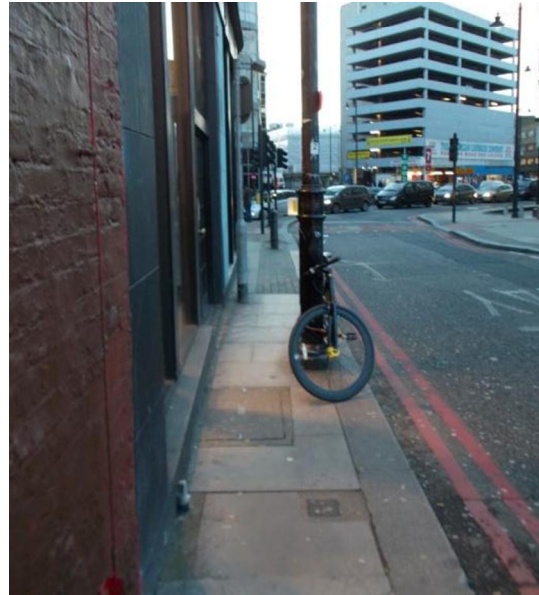


Plate 11 – View of Link L21 (eastwards), narrow width and obstruction caused by inappropriate parking of cycle

L26: Braithwaite Street (west)

- 3.1.17. The western side of Braithwaite Street received an amber rating (-7%) due to the absence of dropped kerbs and tactile information, coupled with poor maintenance and a lack of perceived personal security largely attributable to the presence of two railway viaducts passing above the footway. There is adequate space provision thereby limiting user conflict.

L27: Braithwaite Street (east)

- 3.1.18. The eastern side of Braithwaite Street also received an amber rating (-11%) for similar reasons as L26, namely the absence of dropped kerbs and tactile information, and perceived lack of personal safety beneath the viaducts. The link does provide good effective width which reduces user conflict along its length.

3.2 SUMMARY

- 3.2.1. The majority of links in the local area of the application site scored green (positive overall), although 11 links were rated amber and 1 link rated red.

4 CROSSINGS

4.1 SCORES

4.1.1. A total of 11 crossings were assessed as part of the PERS Audit. Table 4.1 below provides a summary of the scores.

Table 4-1 - PERS Audit Scores for Crossings

Reference	Item	Total Score	Percent of Max Score	RAG colour
C1	Shoreditch High Street/Bethnal Green Rd/Holywell Lane (north)	85	71%	Green
C2	Shoreditch High Street/Bethnal Green Rd/Holywell Lane (west)	45	38%	Green
C3	Shoreditch High Street/Bethnal Green Road/Holywell Lane (east)	61	51%	Green
C4	Great Eastern Street/Holywell Lane (east)	81	68%	Green
C5	Great Eastern Street/Holywell Lane (south)	55	46%	Green
C6	Shoreditch High Street/Great Eastern Street/Commercial Street (west)	27	22%	Amber
C7	Shoreditch High Street/Great Eastern Street/Commercial Street (north)	29	24%	Amber
C8	Shoreditch High Street/Great Eastern Street/Commercial Street (east)	39	32%	Green
C9	Shoreditch High Street/Great Eastern Street/Commercial Street (southeast)	25	21%	Amber
C10	Shoreditch High Street/Great Eastern Street/Commercial Street (south)	55	46%	Green
C11	Norton Folgate/Worship Street	60	50%	Green

4.1.2. The results show that eight of the crossings were given a 'green' rating (positive overall), and the remaining three were given 'amber' (average). Details relating to the crossing that were rated 'amber' are set out below.

C6: Shoreditch High Street/Great Eastern Street/Commercial Street (west)

4.1.3. This crossing received an amber rating (22%). This was mainly attributed to the central refuge island and the southern footway being narrow. The central refuge island forms a 'sheep's pen' arrangement and therefore staggers away from the desire line slightly. Tactile information and dropped kerbs are provided, and maintenance and surface quality were rated positively.

C7: Shoreditch High Street/Great Eastern Street/Commercial Street (north)

- 4.1.4. This crossing received an amber rating (24%). Tactile information and drop kerbs are present, and the surface is even. However, for a pedestrian to cross Shoreditch High Street from the eastern side to the western side requires a pedestrian having to do so in sections, crossing over two refuge islands.



Plate 12 – Shoreditch High Street/Great Eastern Street/Commercial Street (north)

C9: Shoreditch High Street/Great Eastern Street/Commercial Street (southeast)

- 4.1.5. This crossing received an amber rating (21%) mainly due to matters of capacity and delays. Queuing of pedestrians was observed at the eastern side of Shoreditch High Street given that the width of the footway is restricted with the presence of hoarding protecting listed structure within the application site.
- 4.1.6. It is acknowledged that for a pedestrian to negotiate the crossing facility from the eastern side of Shoreditch High Street to the southern side of Commercial Street, the pedestrian would need to do so in sections, stopping on two pedestrian islands along the route (two signal stages).
- 4.1.7. Tactile information and dropped kerbs are present.

4.2 PROPOSED IMPROVEMENTS

- 4.2.1. Improvements to pedestrian facilities at the Shoreditch High Street/Great Eastern Street/Commercial Street signal controlled junction have been considered and discussed with TfL, as detailed within the TA.
- 4.2.2. It is acknowledged that some local residents have suggested that there is a lack of crossing facility for travel on foot from Shoreditch High Street Overground Station to the bus stop located towards the western end of Bethnal Green Road on the northern side of the carriageway. This has been considered as part of this planning application, which offers a new crossing on Bethnal Green Road as described within the TA.

4.3 SUMMARY

- 4.3.1. It is considered that local pedestrian crossing facilities are overall of a good quality. Within the overall assessment area it is considered that surface quality is good. Tactile information and dropped kerbs are present at all crossing points.
- 4.3.2. The PERS Audit has highlighted a number of matters regarding the pedestrian crossing arrangement at the Shoreditch High Street/Great Eastern Street/Commercial Street signal controlled junction and improvements to this arrangement have been considered and discussed with TfL as part of the TA.
- 4.3.3. Moreover, it is acknowledged that there is a need for the provision of a new crossing on Bethnal Green Road to facilitate a desire line from Shoreditch High Street Overground Station to the bus stop located towards the western end of Bethnal Green Road on the northern side of the carriageway, and this planning application offers a new crossing on Bethnal Green Road (see TA for further details).

5 PUBLIC TRANSPORT WAITING AREAS

5.1 SCORES

5.1.1. A total of eleven PTWAs were assessed as part of the PERS Audit. Table 5.1 below provides a summary of the scores.

Table 5-1 - PERS Audit Scores for PTWAs

Reference	Item	Total Score	Percent of Max Score	RAG colour
PT1	Shoreditch High Street stop L (northbound)	84	66%	Green
PT2	Shoreditch High Street stop N (southbound)	38	30%	Green
PT3	Bethnal Green Road stop J (eastbound)	56	44%	Green
PT4	Bethnal Green stop K (westbound)	34	27%	Green
PT5	Great Eastern Street stop B (southbound)	39	30%	Green
PT6	Great Eastern Street stop A (northbound)	37	29%	Green
PT7	Commercial Street stop G (northbound)	14	11%	Amber
PT8	Commercial Street stop H (southbound)	21	16%	Amber
PT9	Shoreditch High Street stop F (northbound)	74	58%	Green
PT10	Shoreditch High Street stop E (northbound)	-3	-3%	Amber
PT11	Shoreditch High Street stop D (southbound)	60	47%	Green

5.1.2. The results show that 8 of the PTWAs are marked as green (positive overall) and three as amber (average). Key matters identified along the PTWAs are detailed below.

PT3: Bethnal Green Road stop J (eastbound)

5.1.3. PT3 scored positively (green, 44%). Timetables and routes information are provided. The bus stop is well maintained, seats are provided and a shelter allows passengers to be protected from poor weather conditions.

5.1.4. Consideration has been given to the existing highway arrangement within the vicinity of the proposed site accesses, and some amendments to the highway arrangement have been identified to support the Proposed Development, including the relocation of the existing bus stop on the northern side of Bethnal Green Road a short distance further to the east to allow for vehicles access and egress to and from the proposed dedicated servicing area contained within Plot A.

PT7: Commercial Street stop G (northbound)

- 5.1.5. PT7 received an amber rating (11%). The bus stop is located adjacent to a wall, presenting an unattractive setting. No sheltered seating is provided, although, the provision of bus route and timetable information is adequate.

PT8: Commercial Street Stop H (southbound)

- 5.1.6. PT8 received an amber rating (16%). No Kassel kerb is present to aid wheelchair users/mothers with prams boarding/alighting. A shelter is provided, although, there is no seating. There is a lack of active frontages in close proximity to the bus stop and there was evidence of litter. Timetables and route information are available and visible.

- 5.1.7. PT10: Shoreditch High Street stop E (northbound)

- 5.1.8. This bus stop received low rating (-3%). No sheltered seating is provided and there is a lack of activity on the adjacent street. Notwithstanding this, timetable information is present and a crossing facility is located close by.

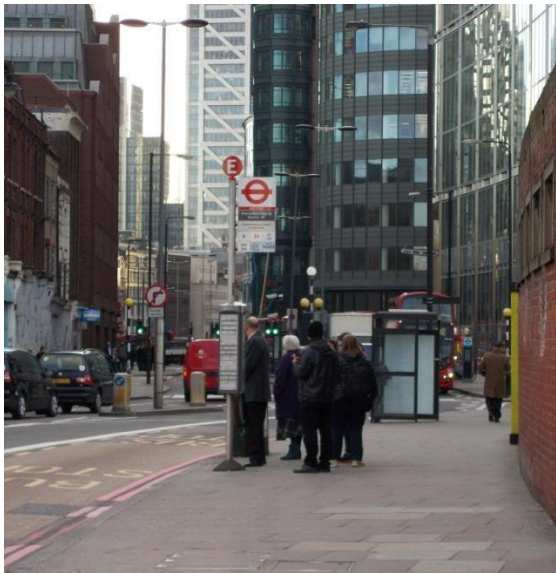


Plate 12 – Shoreditch High Street stop E (northbound)

5.2 SUMMARY

- 5.2.1. Overall, the site location benefits from a choice of PTWAs (providing access to a number of bus routes and services), which are generally of a good quality. All of the PTWAs assessed were given a ‘green’ rating with the exception of three of the PTWAs which were given an ‘amber’ rating. Bus route and timetable information is present at all PTWAs. The PTWAs marked amber lacked seating and/or shelter.

6 INTERCHANGE SPACES

6.1 SCORES

6.1.1. One interchange space, Shoreditch High Street Overground station, was assessed as part of the PERS Audit. Table 6.1 below summarises the PERS Audit results.

Table 6-1 - PERS Audit Scores for Interchange Space

Reference	Item	Total Score	Percent of Max Score	RAG colour
I1	Shoreditch High Street Station	56	37%	Green

I1: Shoreditch High Street Station

6.1.2. The results show that the interchange scored positively (green, 37%). No parameters attributed negative scoring. The quality of the environment is regarded as very good, with no personal safety or maintenance issues. Interchange between modes is considered easy, given the provision of clear signage at regular intervals.

7 IMPROVEMENTS

- 7.1.1. With the Proposed Development, the quality of the pedestrian environment would be significantly improved in terms of landscaping, permeability, high quality public realm, and public cycle parking facilities. Specific details that the proposals would offer are set out below.
- High quality public realm with permeability provided by north to south and east to west internal routes;
 - Provision of high quality retail and leisure spaces, including new retail frontages positioned around an attractive pedestrianised route;
 - Widening of the eastern side of the footway located along Shoreditch High Street (where feasible) would be achieved. Notably, constraints will remain in the future given the presence of listed structure which cannot be removed/replaced;
 - It is proposed for a new pedestrian crossing to be provided on a desire line on Bethnal Green Road, connecting the southern side of Bethnal Green Road (in proximity to Shoreditch High Street Overground Station) with its northern side;
 - The Applicant is committed to supporting the delivery of pedestrian improvements at the Shoreditch High Street/Commercial Street/Great Eastern Street signal controlled junction as part of a wider TfL/LBH scheme; and
 - It is acknowledged that the Proposed Development scheme has been based upon a strategy of providing a high degree of accessibility to the surrounding cycle infrastructure, through the placement of resident, employee and visitor cycle parking and an increase provision of cycle hire facilities.

8 SUMMARY CONCLUSIONS

- 8.1.1. WSP has been appointed by BGYRL to prepare a PERS Audit of the existing public realm surrounding The Goodsyard site, which is subject of a planning application for a mixed use development.
- 8.1.2. The study area of the audit included a total of 27 links, 11 crossings, 11 PTWAs and one interchange space. Overall, the assessment shows the local environment to be of a good standard with 32 items rated 'green' and 17 rated 'amber' and one item rated 'red'.
- 8.1.3. Overall, the pedestrian environment in the area assessed is generally positive, and of a good quality. Furthermore, with the delivery of the Proposed Development the pedestrian environment within the site will be of high quality with the provision of attractive public open spaces, well-maintained routes, lighting, as well as the use of quality materials. Day and night surveillance would be provided. Moreover, the Proposed Development offers improvements to the adjacent pedestrian environment.



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**APPENDIX G PROPOSED
TFL SHOREDITCH
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