

## City of London Street Accessibility Tool

### Aldgate to Blackfriars Cycleway

The City of London Street Accessibility Tool (CoLSAT) enables street designers to easily identify how street features impact on the different needs of disabled people

The needs of different groups of disabled people can be contradictory; that improving accessibility for one group may decrease accessibility for another. CoLSAT identifies the trade-offs that may be needed to ensure no one is excluded from using the City's streets and provides the basis for engagement and discussion to maximise the benefits for all.

Current street conditions and Option 1 measures proposed on Queen Victoria Street and St Botolph Street have been assessed using CoLSAT. Queen Victoria Street has been split into three sections:

- Blackfriars Ct to College of Arms
- College of Arms to Bread Street
- Bread Street to Bucklersbury

The summary table below shows the red scoring results of each of the sections has significantly reduced between the current layout and the recommended Option 1.

	Current layout Number of red categories		Proposed Option 1 Number of red categories		Reduction in red categories	
	Scoring: 1	Scoring: 0	Scoring: 1	Scoring: 0	Scoring: 1	Scoring: 0
QVS 1	23	7	5	0	18	7
QVS 2	23	3	6	0	17	3
QVS 3	16	1	8	0	7	1
St Botolph St	9	5	4	0	6	5

The CoLSAT results of each of the sections for the existing and proposed layouts are shown below.

# Queen Victoria Street – Section 1: Existing Layout



v 1.2

## Step 1

Set each of the drop downs below to best describe the street characteristics for the section being analysed

## Step 2

Review the results for each needs segment b

## Step 3

Hover the cursor over the box next to each score to read quotes explaining how participants in the segment are affected by the feature



		EWC	MWC	MS	WA	WI	LC	GD	RS	HI	ANI	AT	DI	Comments
<b>Crossing Point</b>														
Crossing Type	Uncontrolled crossing > 8m road width	3	2	3	1	2	0	2	2	3	1	2	1	
Carriageway	Carriageway (motor vehicles and cycles together)	3	3	3	3	3	3	3	3	3	3	3	4	
Edge Marking	No tactile edge marking	3	3	2	3	4	0	1	1	3	4	2	0	
Tactile Paving Back Edge	Back edge offset from kerb edge	3	3	3	3	2	2	3	3	3	3	3	3	
Tactile Paving Colour	Tactile colour not as per guidance	3	3	3	3	3	3	3	3	2	3	3	3	
Tactile Paving Tonal Contrast	Tactile without significant contrast with surrounding paving	3	3	3	3	3	2	2	2	3	3	3	3	
Tactile Paving Stem Length	Tactile stem within 0.5 m of building line	3	3	3	3	1	4	3	3	3	3	4	3	
Tactile Paving Stem Width	Tactile stem 800 mm width	3	3	3	3	2	3	3	3	4	4	3	3	
Island Type	No island	2	3	2	2	2	2	2	3	2	2	2	3	
Island Depth	Island depth > 1.2 m	3	4	3	3	3	4	3	4	4	4	4	3	
Kerb Drop Slope	Kerb drop > 1/6, 9.5 deg, 17% incline	1	1	2	1	3	3	2	3	3	1	3	2	
Kerb Drop Tactile	Kerb drop without tactile paving	3	4	3	2	3	2	2	3	3	4	3	1	
Signal (red/green man)	Far side signal	3	4	2	4	3	4	4	4	4	4	4	3	
Audible (beeping)	No Audible	3	2	2	3	2	3	2	3	2	3	2	1	
Count Down	No count down	2	3	3	3	3	3	3	3	2	3	3	2	
Tactile Rotating Cone	Rotating cone right side only	3	3	3	3	3	2	3	3	3	3	3	3	
<b>Surface Material</b>														
Surface Type	Smooth York Stone	3	3	3	3	4	4	4	3	3	4	3	3	
Pattern	Uniform paving colour	3	3	3	3	3	3	3	3	3	3	4	3	
Contrast with Road	Lower tonal contrast between paving and road	3	3	3	3	3	3	2	3	2	3	3	3	
Lines	yellow/red/white lines at road edge	3	3	4	3	3	3	3	4	3	4	4	4	
<b>Kerb</b>														
Kerb Type (crossing over)	Crossing upstand 0 mm to 3 mm (undelineated)	3	4	3	3	4	0	0	1	2	4	2	1	
Kerb Type (moving alongside)	Delimiting upstand 0 mm to 3 mm (undelineated)	3	4	3	2	2	0	1	3	3	2	2	1	
<b>Footway Width</b>														
Width	Footway width 2 m to 5 m	4	4	4	4	3	3	3	4	3	3	4	4	
Unobstructed Width	Min unobstructed width > 1.5 m	3	3	3	3	3	4	3	3	4	3	3	3	
<b>Street Furniture</b>														
Position	Street furniture > 0.5 m from kerb	3	3	2	3	3	2	3	3	2	2	3	3	
Cafe Tables	Cafe tables without 'protection'	3	3	2	2	2	2	3	3	2	3	2	3	
Temporary Items	No temporary obstructions	4	4	4	4	4	4	4	4	4	4	4	4	
Street Furniture Height	Street furniture > 0.9 m height	3	3	3	3	3	3	3	3	3	3	3	3	
Contrast	High tonal contrast with paving	3	3	4	3	3	3	4	4	3	3	3	3	
Bench Spacing	Bench > 400 m away	3	3	3	1	0	3	3	2	2	1	2	3	
Bench Design	Benches with backrests without arms	3	3	3	3	3	3	3	3	4	3	3	3	
Bench Seat Height	Benches multiple seat heights > 50 cm and < 45 cm	3	3	3	4	4	3	3	3	4	3	3	3	
Bench Sensory Experience	No sensory experience	3	3	3	3	3	3	3	3	3	3	3	3	
<b>Slopes</b>														
Gradient (in direction of travel)	Gradient 1/20 to 1/50	3	3	3	3	3	3	3	3	3	3	3	3	
Camber (across footway)	Camber 1/20 to 1/50	3	2	3	3	3	3	3	3	3	3	3	3	
<b>Vehicle Access</b>														
Vehicle Crossover	Crossover dropped	3	3	3	3	1	3	3	3	3	2	3	3	
Blue Badge Parking	Blue badge parking Within 100 m	4	3	3	3	3	3	3	3	3	3	3	3	
Taxi Drop Off Location	Taxi drop off 10 m to 100 m away	3	3	2	3	3	3	1	3	4	3	3	3	
Taxi Drop Off Kerb	Taxi drop off kerb 100 mm to 150 mm	3	3	3	3	3	3	3	3	3	3	3	2	
Dedicated Taxi Drop Off	Dedicated taxi drop off point / taxi rank	3	3	4	4	4	3	3	4	3	4	4	4	
Bus Stop Location	Within 100 m	3	4	4	4	4	4	4	4	4	4	4	3	
Bus Stop Kerb Height	125 mm to 140 mm	3	4	3	4	4	3	3	3	3	4	3	3	
Bus Stop Type	Flag only	3	3	2	3	1	3	3	3	1	3	2	2	
<b>Toilets</b>														
Accessible Toilets	Further than 500 m away	2	2	2	1	2	3	2	3	3	1	3	2	
Changing Places Toilets	More than 500 m away	3	3	3	3	3	3	3	3	3	3	3	1	

# Queen Victoria Street – Section 2: Existing Layout



v 1.2

## Step 1

Set each of the drop downs below to best describe the street characteristics for the section being analysed

## Step 2

Review the results for each needs segment b

## Step 3

Hover the cursor over the box next to each score to read quotes explaining how participants in the segment are affected by the feature



		EWC	MWC	MS	WA	WI	LC	GD	RS	HI	ANI	AT	DI	Comments
<b>Crossing Point</b>														
Crossing Type	Controlled crossing (any road width)	4	4	4	4	4	4	4	4	4	4	4	4	3
Crosses Over	Carriageway (motor vehicles and cycles together)	3	3	3	3	3	3	3	3	3	3	3	3	4
Edge Marking	800 mm deep tactile paving edge marking (full width of flush area)	3	3	4	3	1	3	3	4	3	3	4	3	3
Tactile Paving Back Edge	Straight back edge	2	3	3	3	1	4	3	3	2	2	4	4	3
Tactile Paving Colour	Tactile colour not as per guidance	3	3	3	3	3	3	3	3	2	3	3	3	3
Tactile Paving Tonal Contrast	Tactile has significant contrast with surrounding paving	3	3	4	3	4	3	4	4	3	3	3	3	3
Tactile Paving Stem Length	Tactile stem within 0.5 m of building line	3	3	3	3	1	4	3	3	3	3	4	3	3
Tactile Paving Stem Width	Tactile stem 800 mm width	3	3	3	3	2	3	3	3	4	4	4	3	3
Island Type	No island	2	3	2	2	2	2	2	3	2	2	2	2	3
Island Depth	Island depth > 1.2 m	3	4	3	3	3	3	4	3	4	4	4	4	3
Kerb Drop Slope	Kerb drop > 1/6, 9.5 deg, 17% incline	1	1	2	2	1	3	3	2	3	1	3	2	2
Kerb Drop Tactile	Kerb drop with tactile paving	3	2	3	4	1	3	3	3	3	3	4	3	3
Signal (red/green man)	Far side signal	3	4	2	4	3	4	4	4	4	4	4	4	3
Audible (beeping)	Audible	3	3	4	4	3	4	4	4	4	4	4	4	4
Count Down	No count down	2	3	3	3	3	3	3	3	2	3	3	2	2
Tactile Rotating Cone	Rotating cone right side only	3	3	3	3	3	2	3	3	3	3	3	3	3
<b>Surface Material</b>														
Surface Type	Smooth York Stone	3	3	3	3	4	4	4	3	3	4	3	3	3
Pattern	Uniform paving colour	3	3	3	3	3	3	3	3	3	3	4	3	3
Contrast with Road	Lower tonal contrast between paving and road	3	3	3	3	3	3	2	3	2	3	3	3	3
Lines	yellow/red/white lines at road edge	3	3	4	3	3	3	3	4	3	4	4	4	4
<b>Kerb</b>														
Kerb Type (crossing over)	Crossing upstand 0 mm to 3 mm (undelineated)	3	4	3	3	4	0	0	1	2	4	2	1	1
Kerb Type (moving alongside)	Delimiting upstand 0 mm to 3 mm (undelineated)	3	4	3	2	2	0	1	3	3	2	2	2	1
<b>Footway Width</b>														
Width	Footway width 2 m to 5 m	4	4	4	4	3	3	3	4	3	3	4	4	4
Unobstructed Width	Min unobstructed width > 1.5 m	3	3	3	3	3	4	3	3	4	3	3	3	3
<b>Street Furniture</b>														
Position	Street furniture > 0.5 m from kerb	3	3	2	3	3	2	3	3	2	2	3	3	3
Cafe Tables	Cafe tables without 'protection'	3	3	2	2	2	2	2	3	3	2	3	3	3
Temporary Items	No temporary obstructions	4	4	4	4	4	4	4	4	4	4	4	4	4
Street Furniture Height	Street furniture > 0.9 m height	3	3	3	3	4	3	3	3	3	3	3	3	3
Contrast	High tonal contrast with paving	3	3	4	3	3	4	4	3	3	3	3	3	3
Bench Spacing	Bench within 150 m	3	3	3	4	4	3	3	3	3	4	4	3	3
Bench Design	Benches without backrests or arms	3	3	2	1	3	3	2	2	2	3	3	3	3
Bench Seat Height	Benches seat height > 50 cm	3	3	3	3	1	3	3	3	3	3	3	3	3
Bench Sensory Experience	Bad sensory experience (adjacent busy road, cold surface)	3	3	3	3	2	3	3	3	2	3	1	3	3
<b>Slopes</b>														
Gradient (in direction of travel)	Gradient 1/20 to 1/50	3	3	3	3	3	3	3	3	3	3	3	3	3
Camber (across footway)	Camber 1/20 to 1/50	3	2	3	3	3	3	3	3	3	3	3	3	3
<b>Vehicle Access</b>														
Vehicle Crossover	Crossover dropped	3	3	3	3	1	3	3	3	3	2	3	3	3
Blue Badge Parking	Blue badge parking 100 m to 500 m away	3	3	3	2	2	3	3	3	3	3	2	1	1
Taxi Drop Off Location	Taxi drop off 10 m to 100 m away	3	3	2	3	3	3	1	3	4	3	3	3	3
Taxi Drop Off Kerb	Taxi drop off kerb 100 mm to 150 mm	3	3	3	3	3	3	3	3	3	3	3	3	2
Dedicated Taxi Drop Off	Somewhere a taxi can stop safely	3	3	3	3	3	3	3	3	3	3	3	3	3
Bus Stop Location	Within 100 m	3	4	4	4	3	4	3	4	3	4	3	3	3
Bus Stop Kerb Height	125 mm to 140 mm	3	4	3	4	4	3	3	3	3	4	3	3	3
Bus Stop Type	Flag only	3	3	2	3	1	3	3	3	1	3	2	2	2
<b>Toilets</b>														
Accessible Toilets	Further than 500 m away	2	2	2	1	2	3	2	3	3	1	3	2	2
Changing Places Toilets	More than 500 m away	3	3	3	3	3	3	3	3	3	3	3	1	1

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The City of London Street Accessibility Tool (CoLSAT) was developed by Ross Atkin Associates and Urban Movement for the City of London Corporation.



# Queen Victoria Street – Section 3: Existing Layout



v 1.2

## Step 1

Set each of the drop downs below to best describe the street characteristics for the section being analysed

## Step 2

Review the results for each needs segment b Hover the cursor over the box next to each score to read quotes explaining how participants in the segment are affected by the feature

## Step 3



		EWC	MWC	MS	WA	WI	LC	GD	RS	HI	ANI	AT	DI	Comments
<b>Crossing Point</b>														
Crossing Type	Controlled crossing (any road width)	4	4	4	4	4	4	4	4	4	4	4	4	3
Crosses Over	Carriageway (motor vehicles and cycles together)	3	3	3	3	3	3	3	3	3	3	3	3	4
Edge Marking	800 mm deep tactile paving edge marking (full width of flush area)	3	3	4	3	1	3	3	4	3	3	4	4	3
Tactile Paving Back Edge	Straight back edge	2	3	3	3	1	4	3	3	2	2	4	4	3
Tactile Paving Colour	Tactile colour not as per guidance	3	3	3	3	3	3	3	3	2	3	3	3	3
Tactile Paving Tonal Contrast	Tactile without significant contrast with surrounding paving	3	3	3	3	3	3	2	2	2	3	3	3	3
Tactile Paving Stem Length	Tactile stem within 0.5 m of building line	3	3	3	3	1	4	3	3	3	3	4	3	3
Tactile Paving Stem Width	Tactile stem 800 mm width	3	3	3	3	2	3	3	3	4	4	3	3	3
Island Type	No island	2	3	2	2	2	2	2	3	2	2	2	2	3
Island Depth	Island depth > 1.2 m	3	4	3	3	3	3	4	3	4	4	4	4	3
Kerb Drop Slope	Kerb drop < 1/12, 4.7deg, 8% incline	3	3	3	3	3	3	3	3	3	2	3	4	3
Kerb Drop Tactile	Kerb drop with tactile paving	3	2	3	4	1	3	3	3	3	3	4	3	3
Signal (red/green man)	Far side signal	3	4	2	4	3	4	4	4	4	4	4	4	3
Audible (beeping)	Audible	3	3	4	4	3	4	4	4	4	4	4	4	4
Count Down	No count down	2	3	3	3	3	3	3	3	2	3	3	2	3
Tactile Rotating Cone	Rotating cone right side only	3	3	3	3	3	2	3	3	3	3	3	3	3
<b>Surface Material</b>														
Surface Type	York Stone with gaps/bumps	2	2	2	2	1	2	2	2	1	2	3	3	3
Pattern	Uniform paving colour	3	3	3	3	3	3	3	3	3	3	3	4	3
Contrast with Road	Lower tonal contrast between paving and road	3	3	3	3	3	3	2	3	2	3	3	3	3
Lines	yellow/red/white lines at road edge	3	3	4	3	3	3	3	4	3	4	4	4	4
<b>Kerb</b>														
Kerb Type (crossing over)	Crossing upstand 0 mm to 3 mm + 800 tactile paving	4	3	4	4	2	3	4	3	3	4	3	3	3
Kerb Type (moving alongside)	Delimiting upstand 0 mm to 3 mm (undelineated)	3	4	3	2	2	0	1	3	3	2	2	1	3
<b>Footway Width</b>														
Width	Footway width 2 m to 5 m	4	4	4	4	3	3	3	4	3	3	4	4	4
Unobstructed Width	Min unobstructed width > 1.5 m	3	3	3	3	3	4	3	3	4	3	3	3	3
<b>Street Furniture</b>														
Position	Street furniture > 0.5 m from kerb	3	3	2	3	3	2	3	3	2	2	3	3	3
Cafe Tables	Cafe tables without 'protection'	3	3	2	2	2	2	2	3	3	2	3	3	3
Temporary Items	No temporary obstructions	4	4	4	4	4	4	4	4	4	4	4	4	4
Street Furniture Height	Street furniture > 0.9 m height	3	3	3	3	4	3	3	3	3	3	3	3	3
Contrast	High tonal contrast with paving	3	3	4	3	3	3	4	3	3	3	3	3	3
Bench Spacing	Bench between 150 m and 400 m away	3	3	3	2	2	3	3	3	3	3	3	3	3
Bench Design	Benches without backrests or arms	3	3	2	2	1	3	3	2	2	3	3	3	3
Bench Seat Height	Benches seat height 45 to 50 cm	3	3	3	4	3	3	3	3	4	3	3	3	3
Bench Sensory Experience	Bad sensory experience (adjacent busy road, cold surface)	3	3	3	3	2	3	3	3	2	3	1	3	3
<b>Slopes</b>														
Gradient (in direction of travel)	Gradient 1/20 to 1/50	3	3	3	3	3	3	3	3	3	3	3	3	3
Camber (across footway)	Camber 1/20 to 1/50	3	2	3	3	3	3	3	3	3	3	3	3	3
<b>Vehicle Access</b>														
Vehicle Crossover	No crossover	3	3	3	3	3	3	3	3	3	3	3	3	3
Blue Badge Parking	Blue badge parking 100 m to 500 m away	3	3	3	2	2	3	3	3	3	3	2	1	3
Taxi Drop Off Location	Taxi drop off 10 m to 100 m away	3	3	2	3	3	3	1	3	4	3	3	3	3
Taxi Drop Off Kerb	Taxi drop off kerb > 150 mm	4	4	3	3	2	3	3	3	3	4	4	4	4
Dedicated Taxi Drop Off	Dedicated taxi drop off point / taxi rank	3	3	4	4	4	3	3	4	3	4	4	4	4
Bus Stop Location	Within 100 m	3	4	4	4	3	4	3	4	3	4	3	3	3
Bus Stop Kerb Height	125 mm to 140 mm	3	4	3	4	4	3	3	3	3	4	3	3	3
Bus Stop Type	Flag only	3	3	2	3	1	3	3	3	1	3	2	2	3
<b>Toilets</b>														
Accessible Toilets	Further than 500 m away	2	2	2	1	2	3	2	3	3	1	3	2	3
Changing Places Toilets	More than 500 m away	3	3	3	3	3	3	3	3	3	3	3	1	3

# Aldgate – via Aldgate Square and St Botolph Street: Existing Layout



v 1.2

## Step 1

Set each of the drop downs below to best describe the street characteristics for the section being analysed

## Step 2

Review the results for each needs segment b Hover the cursor over the box next to each score to read quotes explaining how participants in the segment are affected by the feature

## Step 3



		EWC	MWC	MS	WA	WI	LC	GD	RS	HI	ANI	AT	DI	Comments
<b>Crossing Point</b>														
Crossing Type	Uncontrolled crossing < 6 m road width	3	3	4	3	3	3	3	3	3	3	3	3	2
Carriageway	Carriageway (motor vehicles and cycles together)	3	3	3	3	3	3	3	3	3	3	3	3	4
Edge Marking	No tactile edge marking	3	3	2	3	4	0	1	1	3	4	2	0	
Tactile Paving Back Edge	Straight back edge	2	3	3	3	1	4	3	3	2	2	2	4	4
Tactile Paving Colour	Tactile colour not as per guidance	3	3	3	3	3	3	3	3	2	3	3	3	3
Tactile Paving Tonal Contrast	Tactile has significant contrast with surrounding paving	3	3	4	3	4	3	4	3	3	3	3	3	3
Tactile Paving Stem Length	Tactile stem within 0.5 m of building line	3	3	3	3	1	4	3	3	3	3	4	3	3
Tactile Paving Stem Width	Tactile stem 800 mm width	3	3	3	3	2	3	3	3	4	4	4	3	3
Island Type	No island	2	3	2	2	2	2	2	3	2	2	2	2	3
Island Depth	Island depth > 1.2 m	3	4	3	3	3	3	4	3	4	4	4	4	3
Kerb Drop Slope	Kerb drop 1/6, 9.5 deg, 17% to 1/12, 4.7deg, 8% incline	3	3	3	3	2	3	3	3	3	2	3	3	3
Kerb Drop Tactile	Kerb drop without tactile paving	3	4	3	2	3	2	2	3	3	4	3	3	1
Signal (red/green man)	Far side signal	3	4	2	4	3	4	4	4	4	4	4	4	3
Audible (beeping)	Audible	3	3	4	4	3	4	4	4	4	4	4	4	4
Count Down	No count down	2	3	3	3	3	3	3	3	2	3	3	3	2
Tactile Rotating Cone	Rotating cone right side only	3	3	3	3	3	2	3	3	3	3	3	3	3
<b>Surface Material</b>														
Surface Type	Smooth York Stone	3	3	3	3	4	4	4	3	3	4	3	3	3
Pattern	Uniform paving colour	3	3	3	3	3	3	3	3	3	3	4	3	3
Contrast with Road	Lower tonal contrast between paving and road	3	3	3	3	3	3	2	3	2	3	3	3	3
Lines	yellow/red/white lines at road edge	3	3	4	3	3	3	3	4	3	4	4	4	4
<b>Kerb</b>														
Kerb Type (crossing over)	Crossing upstand 0 mm to 3 mm (undelineated)	3	4	3	3	4	0	0	1	2	4	2	1	
Kerb Type (moving alongside)	Delimiting upstand 0 mm to 3 mm (undelineated)	3	4	3	2	2	0	1	3	3	2	2	1	
<b>Footway Width</b>														
Width	Footway width 2 m to 5 m	4	4	4	4	3	3	3	4	3	3	4	4	
Unobstructed Width	Min unobstructed width > 1.5 m	3	3	3	3	3	4	3	3	4	3	3	3	
<b>Street Furniture</b>														
Position	Street furniture < 0.5 m from kerb	3	3	3	4	4	3	2	3	4	4	3	3	
Cafe Tables	No cafe tables	4	4	4	3	3	4	3	3	3	4	3	4	
Temporary Items	No temporary obstructions	4	4	4	4	4	4	4	4	4	4	4	4	
Street Furniture Height	Street furniture > 0.9 m height	3	3	3	3	3	3	3	3	3	3	3	3	
Contrast	Low tonal contrast with paving	3	3	3	3	2	3	2	2	3	3	2	2	
Bench Spacing	Bench within 150 m	3	3	3	4	4	3	3	3	3	4	4	3	
Bench Design	Benches with arms + Backrests	3	3	4	4	4	3	3	4	4	4	4	3	
Bench Seat Height	Benches seat height 45 to 50 cm	3	3	3	4	3	3	3	3	4	3	3	3	
Bench Sensory Experience	Good sensory experience (textures, planting, sound, colour)	3	3	3	3	3	3	3	3	4	3	4	3	
<b>Slopes</b>														
Gradient (in direction of travel)	Gradient 1/20 to 1/50	3	3	3	3	3	3	3	3	3	3	3	3	
Camber (across footway)	Camber 1/20 to 1/50	3	2	3	3	3	3	3	3	3	3	3	3	
<b>Vehicle Access</b>														
Vehicle Crossover	Crossover level	3	2	3	2	4	2	1	2	4	3	3	2	
Blue Badge Parking	Blue badge parking 100 m to 500 m away	3	3	3	2	2	3	3	3	3	3	2	1	
Taxi Drop Off Location	Taxi drop off within 10 m	4	4	4	4	4	4	4	4	4	4	4	4	
Taxi Drop Off Kerb	Taxi drop off kerb 100 mm to 150 mm	3	3	3	3	3	3	3	3	3	3	3	3	
Dedicated Taxi Drop Off	Somewhere a taxi can stop safely	3	3	3	3	3	3	3	3	3	3	3	3	
Bus Stop Location	Within 100 m	3	4	4	4	3	4	3	4	3	4	3	3	
Bus Stop Kerb Height	125 mm to 140 mm	3	4	3	4	4	3	3	3	3	4	4	3	
Bus Stop Type	Shelter + perch seat	3	3	3	3	2	3	4	3	4	3	3	3	
<b>Toilets</b>														
Accessible Toilets	Within 100 m	4	4	3	4	4	3	3	4	4	4	3	3	
Changing Places Toilets	Within 500 m	3	4	3	3	3	3	3	3	3	3	4	4	

# Queen Victoria Street – Section 1: Proposed Layout



v 1.2

### Step 1

Set each of the drop downs below to best describe the street characteristics for the section being analysed

### Step 2

Review the results for each needs segment b Hover the cursor over the box next to each score to read quotes explaining how participants in the segment are affected by the feature

### Step 3



		EWC	MWC	MS	WA	WI	LC	GD	RS	HI	ANI	AT	DI	Comments
<b>Crossing Point</b>														
Crossing Type	Controlled crossing (any road width)	4	4	4	4	4	4	4	4	4	4	4	4	3
Crosses Over	Carriageway (motor vehicles and cycles together)	3	3	3	3	3	3	3	3	3	3	3	3	4
Edge Marking	800 mm deep tactile paving edge marking (full width of flush area)	3	3	4	3	1	3	3	4	3	3	4	3	3
Tactile Paving Back Edge	Back edge offset from kerb edge	3	3	3	3	2	2	3	3	3	3	3	3	3
Tactile Paving Colour	Tactile colour not as per guidance	3	3	3	3	3	3	3	2	2	3	3	3	3
Tactile Paving Tonal Contrast	Tactile without significant contrast with surrounding paving	3	3	3	3	3	2	2	3	3	3	3	3	3
Tactile Paving Stem Length	Tactile stem > 0.5 m from building line	3	3	3	3	4	2	3	3	3	3	4	3	3
Tactile Paving Stem Width	Tactile stem 800 mm width	3	3	3	2	3	3	3	3	4	4	3	3	3
Island Type	Island without tactile	4	4	4	3	4	2	2	4	3	4	3	1	
Island Depth	Island depth < 1.2 m	2	2	3	3	3	2	3	2	3	3	3		
Kerb Drop Slope	Kerb drop 1/6, 9.5 deg, 17% to 1/12, 4.7deg, 8% incline	3	3	3	3	2	3	3	3	3	2	3	3	3
Kerb Drop Tactile	Kerb drop with tactile paving	3	2	3	4	1	3	3	3	3	3	4	3	3
Signal (red/green man)	Far side signal	3	4	2	4	3	4	4	4	4	4	4	3	3
Audible (beeping)		3	3	4	4	3	4	4	4	4	4	4	4	4
Count Down	Count down	4	3	3	4	4	3	3	3	4	4	4	4	4
Tactile Rotating Cone	Rotating cone right side only	3	3	3	3	3	2	3	3	3	3	3	3	3
<b>Surface Material</b>														
Surface Type	Smooth York Stone	3	3	3	3	4	4	4	3	3	4	3	3	3
Pattern	Uniform paving colour	3	3	3	3	3	3	3	3	3	3	4	3	3
Contrast with Road	Higher tonal contrast between paving and road	3	3	3	4	3	3	3	4	3	4	3	4	3
Lines	Yellow/red/white lines at road edge	3	3	4	3	3	3	3	4	3	4	4	4	4
<b>Kerb</b>														
Kerb Type (crossing over)	Crossing Upstand 0 mm to 3 mm + 800 tactile paving	4	3	4	4	2	3	4	3	3	4	3	3	3
Kerb Type (moving alongside)	Delimiting kerb 50 mm to 100 mm	3	3	3	3	3	3	3	3	3	3	4	3	3
<b>Footway Width</b>														
Width	Footway width 2 m to 5 m	4	4	4	4	3	3	3	4	3	3	4	4	4
Unobstructed Width	Min unobstructed width > 1.5 m	3	3	3	3	3	4	3	3	4	3	3	3	3
<b>Street Furniture</b>														
Position	Street furniture < 0.5 m from kerb	3	3	3	4	4	3	2	3	4	4	3	3	3
Cafe Tables	No cafe tables	4	4	4	3	3	4	3	3	3	4	3	4	4
Temporary Items	No temporary obstructions	4	4	4	4	4	4	4	4	4	4	4	4	4
Street Furniture Height	Street furniture > 0.9 m height	3	3	3	3	4	3	3	3	3	3	3	3	3
Contrast	Low tonal contrast with paving	3	3	3	2	3	2	2	3	3	2	3	2	2
Bench Spacing	Bench within 150 m	3	3	3	4	4	3	3	3	3	4	4	3	3
Bench Design	Benches with arms + Backrests	3	3	4	4	4	3	3	4	4	4	4	3	3
Bench Seat Height	Benches multiple seat heights > 50 cm and < 45 cm	3	3	3	4	4	3	3	3	4	3	3	3	3
Bench Sensory Experience	No sensory experience	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>Slopes</b>														
Gradient (in direction of travel)	Gradient 1/12 to 1/20	3	2	2	2	2	3	3	3	3	2	3	3	3
Camber (across footway)	Camber 1/20 to 1/50	3	2	3	3	3	3	3	3	3	3	3	3	3
<b>Vehicle Access</b>														
Vehicle Crossover	Crossover dropped	3	3	3	3	1	3	3	3	3	2	3	3	3
Blue Badge Parking	Blue badge parking Within 100 m	4	3	3	3	3	3	3	3	3	3	3	3	3
Taxi Drop Off Location	Taxi drop off 10 m to 100 m away	3	3	2	3	3	3	1	3	4	3	3	3	3
Taxi Drop Off Kerb	Taxi drop off kerb < 100 mm	1	2	3	3	3	3	3	3	3	2	3	2	3
Dedicated Taxi Drop Off	Dedicated taxi drop off point / taxi rank	3	3	4	4	4	3	3	4	3	4	4	4	4
Bus Stop Location	Within 100 m	3	4	4	4	3	4	3	4	3	4	4	3	3
Bus Stop Kerb Height	125 mm to 140 mm	3	4	3	4	4	3	3	3	3	4	3	3	3
Bus Stop Type	Shelter + perch seat	3	3	3	3	2	3	4	3	4	3	3	3	3
<b>Toilets</b>														
Accessible Toilets	100 m to 500 m away	3	3	3	3	2	3	3	4	3	3	3	4	4
Changing Places Toilets	Within 500 m	3	4	3	3	3	3	3	3	3	3	4	4	4

# Queen Victoria Street – Section 2: Proposed Layout



v 1.2

### Step 1

Set each of the drop downs below to best describe the street characteristics for the section being analysed

### Step 2

Review the results for each needs segment b

### Step 3

Hover the cursor over the box next to each score to read quotes explaining how participants in the segment are affected by the feature



		EWC	MWC	MS	WA	WI	LC	GD	RS	HI	ANI	AT	DI	Comments
<b>Crossing Point</b>														
Crossing Type	Controlled crossing (any road width)	4	4	4	4	4	4	4	4	4	4	4	4	3
Crosses Over	Carriageway (motor vehicles and cycles together)	3	3	3	3	3	3	3	3	3	3	3	3	4
Edge Marking	800 mm deep tactile paving edge marking (full width of flush area)	3	3	4	3	1	3	3	4	3	3	4	3	3
Tactile Paving Back Edge	Back edge offset from kerb edge	3	3	3	3	3	2	2	3	3	3	3	3	3
Tactile Paving Colour	Tactile colour not as per guidance	3	3	3	3	3	3	3	3	2	3	3	3	3
Tactile Paving Tonal Contrast	Tactile without significant contrast with surrounding paving	3	3	3	3	3	3	2	2	2	3	3	3	3
Tactile Paving Stem Length	Tactile stem within 0.5 m of building line	3	3	3	3	1	4	3	3	3	3	4	3	3
Tactile Paving Stem Width	Tactile stem 800 mm width	3	3	3	3	2	3	3	3	4	4	3	3	3
Island Type	Island without tactile	4	4	4	3	4	2	2	4	3	4	3	1	
Island Depth	Island depth < 1.2 m	2	2	3	3	3	2	3	2	3	3	3	3	
Kerb Drop Slope	Kerb drop 1/6, 9.5 deg, 17% to 1/12, 4.7deg, 8% incline	3	3	3	3	2	3	3	3	3	2	3	3	
Kerb Drop Tactile	Kerb drop with tactile paving	3	2	3	4	1	3	3	3	3	3	4	3	
Signal (red/green man)	Far side signal	3	4	2	4	3	4	4	4	4	4	4	3	
Audible (beeping)	Audible	3	3	4	4	3	4	4	4	4	4	4	4	
Count Down	Count down	4	3	3	4	4	3	3	3	4	4	4	4	
Tactile Rotating Cone	Rotating cone right side only	3	3	3	3	3	2	3	3	3	3	3	3	
<b>Surface Material</b>														
Surface Type	Smooth York Stone	3	3	3	3	4	4	4	3	3	4	3	3	
Pattern	Uniform paving colour	3	3	3	3	3	3	3	3	3	3	4	3	
Contrast with Road	Higher tonal contrast between paving and road	3	3	3	4	3	3	3	4	3	4	3	4	
Lines	Yellow/red/white lines at road edge	3	3	4	3	3	3	3	4	3	4	4	4	
<b>Kerb</b>														
Kerb Type (crossing over)	Crossing Upetand 0 mm to 3 mm + 800 tactile paving	4	3	4	4	2	3	4	3	3	4	3	3	
Kerb Type (moving alongside)	Delimiting kerb 50 mm to 100 mm	3	3	3	3	3	3	3	3	3	3	4	3	
<b>Footway Width</b>														
Width	Footway width 2 m to 5 m	4	4	4	4	3	3	3	4	3	3	4	4	
Unobstructed Width	Min unobstructed width > 1.5 m	3	3	3	3	3	4	3	3	4	3	3	3	
<b>Street Furniture</b>														
Position	Street furniture < 0.5 m from kerb	3	3	3	4	4	3	2	3	4	4	3	3	
Cafe Tables	Cafe tables without 'protection'	3	3	2	2	2	2	2	3	3	2	3	3	
Temporary Items	No temporary obstructions	4	4	4	4	4	4	4	4	4	4	4	4	
Street Furniture Height	Street furniture > 0.9 m height	3	3	3	3	4	3	3	3	3	3	3	3	
Contrast	Low tonal contrast with paving	3	3	3	2	3	2	2	3	3	2	2	2	
Bench Spacing	Bench between 150 m and 400 m away	3	3	3	2	3	3	3	3	3	3	3	3	
Bench Design	Benches without backrests or arms	3	3	2	2	1	3	3	2	2	3	3	3	
Bench Seat Height	Benches multiple seat heights > 50 cm and < 45 cm	3	3	3	4	4	3	3	3	4	3	3	3	
Bench Sensory Experience	No sensory experience	3	3	3	3	3	3	3	3	3	3	3	3	
<b>Slopes</b>														
Gradient (in direction of travel)	Gradient < 1/50	3	4	4	4	3	3	3	4	3	4	3	3	
Camber (across footway)	Camber 1/20 to 1/50	3	2	3	3	3	3	3	3	3	3	3	3	
<b>Vehicle Access</b>														
Vehicle Crossover	Crossover dropped	3	3	3	3	1	3	3	3	3	2	3	3	
Blue Badge Parking	Blue badge parking Within 100 m	4	3	3	3	3	3	3	3	3	3	3	3	
Taxi Drop Off Location	Taxi drop off 10 m to 100 m away	3	3	2	3	3	3	1	3	4	3	3	3	
Taxi Drop Off Kerb	Taxi drop off kerb 100 mm to 150 mm	3	3	3	3	3	3	3	3	3	3	3	2	
Dedicated Taxi Drop Off	Somewhere a taxi can stop safely	3	3	3	3	3	3	3	3	3	3	3	3	
Bus Stop Location	Within 100 m	3	4	4	4	3	4	3	4	3	4	3	3	
Bus Stop Kerb Height	125 mm to 140 mm	3	4	3	4	4	3	3	3	3	4	3	3	
Bus Stop Type	Shelter + perch seat	3	3	3	3	2	3	4	3	4	3	3	3	
<b>Toilets</b>														
Accessible Toilets	Within 100 m	4	4	3	4	4	3	3	4	4	4	3	3	
Changing Places Toilets	Within 500 m	3	4	3	3	3	3	3	3	3	3	4	4	

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# Queen Victoria Street – Section 3: Proposed Layout



v 1.2

## Step 1

Set each of the drop downs below to best describe the street characteristics for the section being analysed

## Step 2

Review the results for each needs segment b

## Step 3

Hover the cursor over the box next to each score to read quotes explaining how participants in the segment are affected by the feature



		EWC	MWC	MS	WA	WI	LC	GD	RS	HI	ANI	AT	DI	Comments
<b>Crossing Point</b>														
Crossing Type	Controlled crossing (any road width)	4	4	4	4	4	4	4	4	4	4	4	4	3
Crosses Over	Carriageway (motor vehicles and cycles together)	3	3	3	3	3	3	3	3	3	3	3	3	4
Edge Marking	800 mm deep tactile paving edge marking (full width of flush area)	3	3	4	3	1	3	3	4	3	3	4	3	3
Tactile Paving Back Edge	Back edge offset from kerb edge	3	3	3	3	3	2	2	3	3	3	3	3	3
Tactile Paving Colour	Tactile colour not as per guidance	3	3	3	3	3	3	3	3	2	2	3	3	3
Tactile Paving Tonal Contrast	Tactile without significant contrast with surrounding paving	3	3	3	3	3	3	2	2	3	3	3	3	3
Tactile Paving Stem Length	Tactile stem within 0.5 m of building line	3	3	3	3	1	4	3	3	3	3	4	3	3
Tactile Paving Stem Width	Tactile stem 800 mm width	3	3	3	3	2	3	3	3	4	4	3	3	3
Island Type	Island without tactile	4	4	4	3	4	2	2	4	3	4	3	1	
Island Depth	Island depth < 1.2 m	2	2	3	3	3	2	2	3	2	3	3	3	
Kerb Drop Slope	Kerb drop 1/6, 9.5 deg, 17% to 1/12, 4.7deg, 8% incline	3	3	3	3	2	3	3	3	3	2	3	3	3
Kerb Drop Tactile	Kerb drop with tactile paving	3	2	3	4	1	3	3	3	3	3	4	3	3
Signal (red/green man)	Far side signal	3	4	2	4	3	4	4	4	4	4	4	4	3
Audible (beeping)	Audible	3	3	4	4	3	4	4	4	4	4	4	4	4
Count Down	Count down	4	3	3	4	4	3	3	3	4	4	4	4	4
Tactile Rotating Cone	Rotating cone right side only	3	3	3	3	3	2	3	3	3	3	3	3	3
<b>Surface Material</b>														
Surface Type	Smooth York Stone	3	3	3	3	4	4	4	3	3	4	3	3	3
Pattern	Uniform paving colour	3	3	3	3	3	3	3	3	3	3	4	3	3
Contrast with Road	Higher tonal contrast between paving and road	3	3	3	4	3	3	3	4	3	4	3	4	3
Lines	Yellow/red/white lines at road edge	3	3	4	3	3	3	3	4	3	4	4	4	4
<b>Kerb</b>														
Kerb Type (crossing over)	Crossing Upstand 0 mm to 3 mm + 800 tactile paving	4	3	4	4	2	3	4	3	3	4	3	3	3
Kerb Type (moving alongside)	Delimiting kerb 50 mm to 100 mm	3	3	3	3	3	3	3	3	3	3	4	3	3
<b>Footway Width</b>														
Width	Footway width 2 m to 5 m	4	4	4	4	3	3	3	4	3	3	4	4	4
Unobstructed Width	Min unobstructed width > 1.5 m	3	3	3	3	3	4	3	3	4	3	3	3	3
<b>Street Furniture</b>														
Position	Street furniture < 0.5 m from kerb	3	3	3	4	4	3	2	3	4	4	3	3	3
Cafe Tables	Cafe tables without 'protection'	3	3	2	2	2	2	2	3	3	2	3	3	3
Temporary Items	No temporary obstructions	4	4	4	4	4	4	4	4	4	4	4	4	4
Street Furniture Height	Street furniture > 0.9 m height	3	3	3	3	3	3	3	3	3	3	3	3	3
Contrast	Low tonal contrast with paving	3	3	3	2	2	3	2	2	3	3	2	2	2
Bench Spacing	Bench between 150 m and 400 m away	3	3	3	2	2	3	3	3	3	3	3	3	3
Bench Design	Benches without backrests or arms	3	3	2	2	1	3	3	2	2	3	3	3	3
Bench Seat Height	Benches multiple seat heights > 50 cm and < 45 cm	3	3	4	4	4	3	3	4	4	3	3	3	3
Bench Sensory Experience	No sensory experience	3	3	3	3	3	3	3	3	3	3	3	3	3
<b>Slopes</b>														
Gradient (in direction of travel)	Gradient < 1/50	3	4	4	4	3	3	3	4	3	4	3	3	3
Camber (across footway)	Camber 1/20 to 1/50	3	2	3	3	3	3	3	3	3	3	3	3	3
<b>Vehicle Access</b>														
Vehicle Crossover	Crossover dropped	3	3	3	3	1	3	3	3	3	2	3	3	3
Blue Badge Parking	Blue badge parking Within 100 m	4	3	3	3	3	3	3	3	3	3	3	3	3
Taxi Drop Off Location	Taxi drop off 10 m to 100 m away	3	3	2	3	3	3	1	3	4	3	3	3	3
Taxi Drop Off Kerb	Taxi drop off kerb 100 mm to 150 mm	3	3	3	3	3	3	3	3	3	3	3	3	2
Dedicated Taxi Drop Off	Somewhere a taxi can stop safely	3	3	3	3	3	3	3	3	3	3	3	3	3
Bus Stop Location	Within 100 m	3	4	4	4	3	4	3	4	3	4	3	3	3
Bus Stop Kerb Height	125 mm to 140 mm	3	4	3	4	4	3	3	3	3	4	3	3	3
Bus Stop Type	Flag only	3	3	2	3	1	3	3	3	1	3	2	2	2
<b>Toilets</b>														
Accessible Toilets	Within 100 m	4	4	3	4	4	3	3	4	4	4	3	3	3
Changing Places Toilets	Within 500 m	3	4	3	3	3	3	3	3	3	3	4	4	4



# Aldgate – via Aldgate Square and St Botolph Street: Proposed Layout



v 1.2

## Step 1

Set each of the drop downs below to best describe the street characteristics for the section being analysed

## Step 2

Review the results for each needs segment b

## Step 3

Hover the cursor over the box next to each score to read quotes explaining how participants in the segment are affected by the feature



		EWC	MWC	MS	WA	WI	LC	GD	RS	HI	ANI	AT	DI	Comments
<b>Crossing Point</b>														
Crossing Type	Uncontrolled crossing < 6 m road width	3	3	4	3	3	3	3	3	3	3	3	3	2
Carriageway	(motor vehicles and cycles together)	3	3	3	3	3	3	3	3	3	3	3	3	4
Edge Marking	800 mm deep tactile paving edge marking (full width of flush area)	3	3	4	3	1	3	3	4	3	3	4	3	3
Tactile Paving Back Edge	Straight back edge	2	3	3	3	1	4	3	3	2	2	4	4	4
Tactile Paving Colour	Tactile colour not as per guidance	3	3	3	3	3	3	3	2	3	3	3	3	3
Tactile Paving Tonal Contrast	Tactile has significant contrast with surrounding paving	3	3	4	3	4	3	4	4	3	3	3	3	3
Tactile Paving Stem Length	Tactile stem within 0.5 m of building line	3	3	3	3	1	4	3	3	3	3	4	3	3
Tactile Paving Stem Width	Tactile stem 800 mm width	3	3	3	3	2	3	3	3	4	4	3	3	3
Island Type	No island	2	3	2	2	2	2	2	3	2	2	2	2	3
Island Depth	Island depth > 1.2 m	3	4	3	3	3	3	4	3	4	4	4	4	3
Kerb Drop Slope	Kerb drop < 1/12, 4.7deg, 8% incline	3	3	3	3	3	3	3	3	2	3	3	4	4
Kerb Drop Tactile	Kerb drop with tactile paving	3	2	3	4	1	3	3	3	3	3	4	3	3
Signal (red/green man)	Far side signal	3	4	2	4	3	4	4	4	4	4	4	4	3
Audible (beeping)	Audible	3	3	4	4	3	4	4	4	4	4	4	4	4
Count Down	No count down	2	3	3	3	3	3	3	3	2	3	3	3	2
Tactile Rotating Cone	Rotating cone right side only	3	3	3	3	3	2	3	3	3	3	3	3	3
<b>Surface Material</b>														
Surface Type	Smooth York Stone	3	3	3	3	4	4	4	3	3	4	3	3	3
Pattern	Uniform paving colour	3	3	3	3	3	3	3	3	3	3	4	3	3
Contrast with Road	Lower tonal contrast between paving and road	3	3	3	3	3	2	3	3	2	3	3	3	3
Lines	yellow/red/white lines at road edge	3	3	4	3	3	3	3	4	3	4	4	4	4
<b>Kerb</b>														
Kerb Type (crossing over)	Crossing upstand 0 mm to 3 mm + 800 tactile paving	4	3	4	4	2	3	4	3	3	4	3	3	3
Kerb Type (moving alongside)	Delimiting upstand 0 mm to 3 mm + 800 tactile paving	3	4	3	3	2	3	2	3	3	2	3	3	3
<b>Footway Width</b>														
Width	Footway width 2 m to 5 m	4	4	4	4	3	3	3	4	3	3	4	4	4
Unobstructed Width	Min unobstructed width > 1.5 m	3	3	3	3	3	4	3	3	4	3	3	3	3
<b>Street Furniture</b>														
Position	Street furniture < 0.5 m from kerb	3	3	3	4	4	3	2	3	4	4	3	3	3
Cafe Tables	No cafe tables	4	4	4	4	3	3	4	3	3	4	3	4	4
Temporary Items	No temporary obstructions	4	4	4	4	4	4	4	4	4	4	4	4	4
Street Furniture Height	Street furniture > 0.9 m height	3	3	3	4	3	3	3	3	3	3	3	3	3
Contrast	Low tonal contrast with paving	3	3	3	3	2	3	2	2	3	3	2	2	2
Bench Spacing	Bench within 150 m	3	3	3	4	4	3	3	3	3	4	4	3	3
Bench Design	Benches with arms + Backrests	3	3	4	4	4	3	3	4	4	4	4	3	3
Bench Seat Height	Benches seat height 45 to 50 cm	3	3	3	4	3	3	3	3	4	4	3	3	3
Bench Sensory Experience	Good sensory experience (textures, planting, sound, colour)	3	3	3	3	3	3	3	3	4	3	4	3	3
<b>Slopes</b>														
Gradient (in direction of travel)	Gradient 1/20 to 1/50	3	3	3	3	3	3	3	3	3	3	3	3	3
Camber (across footway)	Camber 1/20 to 1/50	3	2	3	3	3	3	3	3	3	3	3	3	3
<b>Vehicle Access</b>														
Vehicle Crossover	Crossover level	3	2	3	2	4	2	1	2	4	3	3	2	2
Blue Badge Parking	Blue badge parking 100 m to 500 m away	3	3	3	2	2	3	3	3	3	3	2	1	1
Taxi Drop Off Location	Taxi drop off within 10 m	4	4	3	4	4	4	4	4	4	4	4	4	4
Taxi Drop Off Kerb	Taxi drop off kerb 100 mm to 150 mm	3	3	3	3	3	3	3	3	3	3	3	3	2
Dedicated Taxi Drop Off	Somewhere a taxi can stop safely	3	3	3	3	3	3	3	3	3	3	3	3	3
Bus Stop Location	Within 100 m	3	4	4	4	3	4	3	4	3	4	3	3	3
Bus Stop Kerb Height	125 mm to 140 mm	3	4	3	4	4	3	3	3	3	4	3	3	3
Bus Stop Type	Shelter + perch seat	3	3	3	3	2	3	4	3	4	3	3	3	3
<b>Toilets</b>														
Accessible Toilets	Within 100 m	4	4	3	4	4	3	3	4	4	4	3	3	3
Changing Places Toilets	Within 500 m	3	4	3	3	3	3	3	3	3	3	4	4	4

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