

**SUSTAINING AND MANAGING OUR STREETS
A CODE OF PRACTICE**

THE ISLINGTON HANDBOOK



Version F June 2013



ISLINGTON

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1. PREFACE

Sustaining our Streets is presented in three parts. This Handbook forms Part 3 and provides details of operational services including inspections.

Part 1 The Strategy

Sets out the strategy for Highways Services to achieve Islington's objectives

Part 2 The Manual

Provides details of the individual elements of the service, their procedures and processes

Every day our staff patrol the highways to inspect, survey, report on and enforce the council's obligations to manage the highway

This handbook provides inspection staff with the detailed information needed to:

- safely carry out their own duties;
- implement remedial action for any incident on in the public realm;
- gain an insight into other inspection procedures.

The National guidance is set out in: **Well-maintained Highways** Code of Practice for Highway Maintenance Management. This document is referred to as 'the Code'.

2. HEALTH AND SAFETY



2.1 Introduction

This guidance is to be followed by all staff, agency staff and consultants working on behalf of Islington. Staff must also be aware of and abide by the Council's Health and Safety Policy and all relevant legislation. This guidance is not intended for use by contractors and others carrying out works on the highway. This section does not therefore specifically cover traffic management or the requirements of the New Roads and Street Works Act as they apply to works on the highway.

The highway can be hazardous and staff must be aware of the risks and how to avoid putting themselves in danger. Although traffic in Islington is generally slow, the roads are very busy and the risks from moving traffic should not be underestimated. There are also less obvious risks that need to be taken into account.

The following section is a generic risk assessment, intended to help staff to identify the common hazards faced in undertaking their normal duties, and the typical measures to avoid or minimise the risks. Managers must carry out their own risk assessments for any abnormal activities or functions not included here.

Staff must always be aware of the responsibilities they have to themselves, their colleagues and the public, to carry out their duties in a safe manner.

2.2 Training

All staff receives basic site safety and safe working practices induction before commencing work on the highway.

Inexperienced members of staff should always be accompanied by an experienced inspector/engineer on site visits.

Permanent members of staff will receive training appropriate for their role within the organisation. Typically this will include basic first aid, health and safety and dealing with aggression. Most staff will also require training in the Code of Practice for Safety at Street Works and Road Works and the New Roads and Street Works Act 1991 (NRSWA).

2.3 Hazards

These are some of the typical hazards inspectors need to be aware of:

- Moving Traffic
- Trip Hazards
- Falls
- Contractor's plant and machinery
- Lone Working
- Noise
- Dust
- Pollution
- Electricity

2.4 Routine inspection of Footways/Carriageways on Foot

When walking on or near the carriageway the following procedures must be followed:

- Always wear a correct high visibility garment
- Avoid any unnecessary walking on or across the carriageway
- Use subways, footbridges, crossings, islands to cross the carriageway
- Avoid walking close to or on the carriageway with your back to oncoming traffic
- Use footways or verges where available
- Avoid walking on carriageway at times of poor visibility or night time
- Take care at all times, remember the risks
- Book-out of the office, include where you are going and when you are due back
- Take responsibility for any others with you, for example Councillors
- Keep in touch, take a mobile phone with you, phone in occasionally if you are out all day

2.5 Working Adjacent to Live Traffic

You should always try and maintain a safety zone between yourself and passing traffic.

For all roads within Islington this should be 0.5 metres.

It is recognised this will not always be possible. Whenever your work requires you to work closer than the safety zone extra precautions should be taken (refer to the Code of Practice for Safety at Street Works and Road Works).

Remember that where your work activity requires concentration you might quickly forget the hazards around you.

In these situations employ the most relevant control to reduce the risk:

- Use positive traffic control e.g. stop/go boards
- Arrange for a lane closure/protection by blocking vehicle
- Employ an experienced lookout. However this must not be relied upon as often motorists will ignore the advice.
- Particular care must be taken when working around blind bends.

2.6 Crossing the Carriageway

A live carriageway should only be crossed on foot when safe to do so.

When estimating a safe gap in the traffic to cross, the following rules should be applied:

- Allow at least 3 seconds per lane. (i.e. 6 seconds on a normal single carriageway)
- Where possible cross the carriageway in two stages, stopping at a road island
- Allow more time to cross in poor weather, poor visibility or if carrying equipment
- Ensure you can see and be seen by oncoming traffic
- Walk don't run

There is no time constraint placed on safety, inspectors should cross only when it is safe to do so.

2.7 Inspection by vehicle

Routine safety inspections are normally carried out on foot in Islington, but vehicles are used for other inspections from time to time.

The main hazards associated with using a vehicle to carry out inspections are associated with moving slowly amongst other traffic and loss of concentration.

Other risks associated with vehicle use are stopping, getting out of the vehicle onto the highway and recording information.

To minimise the risks:

- Identify which roads are suitable for vehicle inspection
- Proceed at a minimum speed appropriate for the road
- Use an amber warning beacon (compulsory)
- The driver should not use telephone/dictaphone or record information whilst driving
- Use two people, one to drive and one to inspect where appropriate

- Drive and stop in accordance with the Highway Code
- If the activity includes getting out of the vehicle, high-visibility clothing must be worn
- All inspectors must abide by the Council's policy regarding use of Council Vehicles or other vehicles on Council business. The user must satisfy themselves that the vehicle is in a road worthy condition and that the vehicle is adequately insured for business use

2.8 Night time inspections by vehicle

Occasionally night time inspections may be required, for example emergencies, illuminated signs and street lighting.

Risks are the same as above and the same precautions should be taken plus:

- Ensure that adequate signing is in place where appropriate
- Time the work to avoid peak traffic flow
- Ensure the vehicle is highly conspicuous
- Only carry out night time inspections when necessary

2.9 Surface Water Drainage

Including gullies, manhole covers, catch-pits

There is the possibility of falling into deep chambers if covers are removed.

Inspection and maintenance of chambers should be undertaken by experienced and trained staff only. Chambers or underground spaces must not be entered under any circumstances (except by trained and authorised staff).

Under normal conditions a gully grate can be safely lifted and replaced by one person with care. Inspectors must receive Manual Handling training before undertaking such activities. If the grate is difficult to free, then it should be left to a specialist contractor.

The atmosphere in a chamber can be hazardous and untrained staff should not lift covers.

When working near water there is a risk of skin contamination and viral infection is possible. The following precautions should be taken:

- Avoid getting water on skin, in eyes or mouth
- Ensure good hygiene is followed
- Use protective clothing (gloves as a minimum)
- Ensure Tetanus is up to date
- Consider carrying a Weilles disease card to identify that you work near water

2.10 Responding to emergencies

Responding to emergencies on the highway can present additional hazards. Inspectors should always remember:

- We are not an emergency service. Do not enter dangerous areas associated with road traffic accidents or other incidents unless given the go ahead by the Fire Service or Police
- Do not put yourself or others at risk
- If you reach an incident before the emergency services double check they are on the way, dial 999 if necessary and wait for their arrival

Chemical spillages can present particular risks. Keep away and upwind of any spillage. If first on the scene, try and keep public at a safe distance.

Spillages may make the surface slippery. Avoid walking over the contaminated zone even if the chemical is known to be non-hazardous.

If road traffic accidents, wind or fallen trees have brought down cables, they must always be assumed to be live and treated with extreme caution. A specialist contractor should be contacted immediately. Try and keep public at a safe distance.

Site Inspections



This section includes a combination of hazard awareness and basic control measures recommended for officers carrying out site visits. Officers should also take into account all of the other relevant sections in this manual. Together they form a generic risk assessment for working on highway sites. Where this generic risk assessment does not fully cover the type of site visit being undertaken the manager must undertake a separate full risk assessment.

On some occasions, such as emergencies, an on-site mental risk assessment will be needed.

Where necessary consult your Health and Safety representative for further advice.

2.11.1 Preparing to visit sites

Before visiting a site you should:

- Familiarise yourself with any safe working practices, risk assessments, guidance relevant to the visit. Take guidance with you if appropriate
- Ensure you have all relevant personal protective equipment with you
- Ensure arrangements for lone working are complied with
- Be aware of known hazards on site
- Ensure your vehicle is suitable and roadworthy
- Book-out of the office, leave information about where you are going and when you will return
- Consider whether you should take someone with you
- Consider whether you need to make an appointment first

2.11.2 General Site Hazards

The hazards that are likely to be found on site will depend on the nature and type of site. Before going to site an assessment of the likely hazards should be made so proper preparation can be made.

Hazards which may be applicable to site visits include:

Heights, Excavations, falling objects

Do not climb scaffolds, ladders or enter deep excavations unless necessary and never without supervision from the contractor. You must ensure they have been adequately inspected by a competent person and are adequately shored, guarded etc.

Be aware of the potential of falling objects from heights such as moving platforms, scaffolding, grabs etc. Stay a safe distance or wear head protection.

Do not enter confined spaces unless you have been adequately trained, have the necessary equipment and a permit to work.

Vehicles and Plant

Before approaching vehicles or plant ensure the driver has seen you and indicated it is safe to approach. Never stand behind vehicles that may reverse. Try to identify a banksman and approach him/her rather than the driver.

Be especially aware of 360° operating plant and HIAB grabs etc. Keep your distance or ensure buckets are lowered to the ground before you approach.

Wear head protection where necessary and do not expose yourself to excessive noise.

Keep a safe distance from all machinery including disc cutters, pneumatic drills etc. the contractor should recognise that you may need to come within a site but may not have all the necessary PPE. The contractor should cease work if necessary to allow you to approach safely.

Slips, trips and falls

Be aware of areas where you may slip, trip or fall.

Hazardous substances

Avoid contact, inhalation or digestion of any harmful substances on site, especially all dusts, asbestos, cement, sealants, hot bitumen etc. It is unlikely you will have adequate PPE so keep your distance and seek guidance from site foreman.

Never use substances such as spray paint or graffiti remover without a proper COSHH risk assessment.

Lone Working

Lone working can be hazardous especially if you are going to a remote area or into a potential conflict situation.

Make sure you follow Lone Working procedures.

Always book-out of the office and state where you are going and when you will be back. Stay in touch. Consider whether it would be better to take someone else with you, carry out a risk assessment if necessary.

General Hazards

Be aware of any sharps on site, e.g. nails in wood, broken bottles, syringes etc.

Be aware of electricity cables, above or below ground; especially during wet weather.

Be aware of the risk of violence at work, especially when carrying out enforcement action. Always check the Potentially Violent Persons (PVP) register. Do not get into conflict and walk away if necessary.

Ensure you maintain a good standard of personal hygiene. Ensure you clean your hands before eating.

Always follow safe lifting practices when moving objects. Do not exceed your lifting capacity. Use manhole cover lifters where necessary.

2.11.3 Approaching the site

If in a vehicle, operate roof-mounted beacon, indicate, slow down and manoeuvre safely. Park in a safe place, if within the site, enter by a signed access point if applicable. Your vehicle should be marked 'Highway Maintenance'. Implement signing and guarding of your vehicle if appropriate. Where cars are not conspicuous and adequately marked they may only be parked legally and in accordance with the Highway Code. The inspector should then walk to site.

- Put on your reflective clothing before entering the site
- You must also wear safety footwear and helmet as a minimum when on a construction site
- Report to site foreman if work is going on at the time of your visit

2.11.4 Visiting sites to mark up or programme works

If the activity includes working in the live carriageway ensure you take account of advice in section 2.5.

Note that road marking paint may be flammable and additional risks are encountered through inhalation of solvents if present. Wherever road-marking paint is used there

must be no smoking or other naked flame; appropriate protective clothing should be worn. Always read the product label and follow instructions. If the spray can is marked hazardous then ensure you have a copy of the COSHH assessment and follow the advice.

2.11.5 Visiting Statutory Undertakers' (Utility) Works on the Highway

Certain inspectors will have a role of inspecting these works. The hazards, risks and precautions will be very similar for these duties as already detailed for other site visits.

The inspection priorities for these sites are signing, lighting, guarding and protection of the public from harm. Where risk is posed solely to the site operatives, it should be pointed out to the on-site supervisor, requested to be corrected and recorded for the information of the NRSWA company area supervisor. They should be contacted immediately if the request is not complied with.

The work activity may only be stopped if a threat to the public exists. Officers who are not NRSWA trained or accredited should not seek to enforce the Act but should immediately inform the Streetworks section if they become aware of practices which are considered a risk to the public.

2.12 Traffic Management at Street Works and Road Works



Whether works are being carried out on behalf of the Council or Utility companies they must be undertaken in such a way to ensure the safety of highway users. The Code of Practice for Safety at Street Works and Road Works sets out the minimum precautions that need to be taken.

All inspectors should be familiar with these requirements and should not ignore shortcomings, regardless of whether they have direct responsibility.

Problems with utility works should be reported to the Streetworks section or dealt with directly if the inspector has the necessary experience and accreditation.

Problems with road works should be reported to the highways maintenance section or to the engineer in charge.

In cases of severe shortcoming, or where there is a significant risk to the public, the inspector on site should attempt to rectify the situation. This may include re-erecting signs/guards or contacting the appropriate company. In some situations the inspector may have to stay on site until the rectification action has been completed.

The following items must be checked when carrying out inspections of sites:

- Users of footways are properly protected and guided, and the surface is suitable. (including use by wheelchairs and prams)
- Correct signs are being used and properly positioned, clean and eligible

- Plant and machinery is not encroaching on live carriageway or footways
- Excavations are properly guarded and supported
- Materials are not stockpiled outside the site
- Temporary warning lights and traffic signals are functioning
- Adequate safety zone between working area and live traffic is maintained
- Traffic signals are correctly installed and operating within guidelines

2.13 Construction Sites



The contractor has primary responsibility for the site so inspectors should always report to the site office or foreman when arriving at site.

On larger sites you should expect a site induction and may be accompanied whilst on site.

You should not normally give instruction to contractors' staff. However in exceptional circumstances, where there is a high risk of harm to the public and a site manager is not available then instruction may be given. In these circumstances it is possible to stop an individual working who is presenting high risk to the public, you should not however stop the whole site from working unless it is unavoidable. The aim is to improve site conditions not to stamp your authority on the contractor. Do not act beyond your level of knowledge or training. Such action may be taken under Criminal Law in order to fulfil the Council's duties under the Health and Safety at Work Act 1974 and takes precedence over contract or other forms of law.

Where direct action is taken it must be:

- Firm, but courteous
- Appropriate to the level of risk
- Targeted primarily at protection of the public (or Council staff), but there is a lesser duty to contractors staff
- Not exceed the experience, knowledge, training of the officer, although common sense is usually sufficient
- Be channelled wherever possible through the contractors representative on site e.g. site foreman

Record what you find and any action taken in writing. Take photographs if possible.

2.14 Personal Protective Equipment and other Equipment

When visiting sites suitable PPE should be worn.

For sites where any work is taking place (Construction sites, Utility sites, and minor works) the following should be a minimum requirement:

- High Visibility jacket or waistcoat to EN471 class 3
- Safety footwear, with steel toecaps, heat and slip resistant soles, (steel midsoles for construction sites)
- Safety helmet for construction sites
- Hearing and eye protection if entering working site
- Gloves
- Overalls as appropriate

The following equipment should be used as appropriate:

- Mobile telephone
- Personal alarm (consider if working alone)
- Notebook and pen
- Digital Camera
- Tape measure

When in a vehicle, equipment may include:

- Pack of 4 folding flat cones
- Sign 7001 Roadworks – with plate ‘surveying’
- Sign – ‘Other danger ahead’ with 562 supplementary plates ‘Accident’, ‘Fallen Tree’
- Roof mounted amber beacon
- First aid kit
- Relevant NRSWA Code of Practices
- Spray paint or similar marking medium.

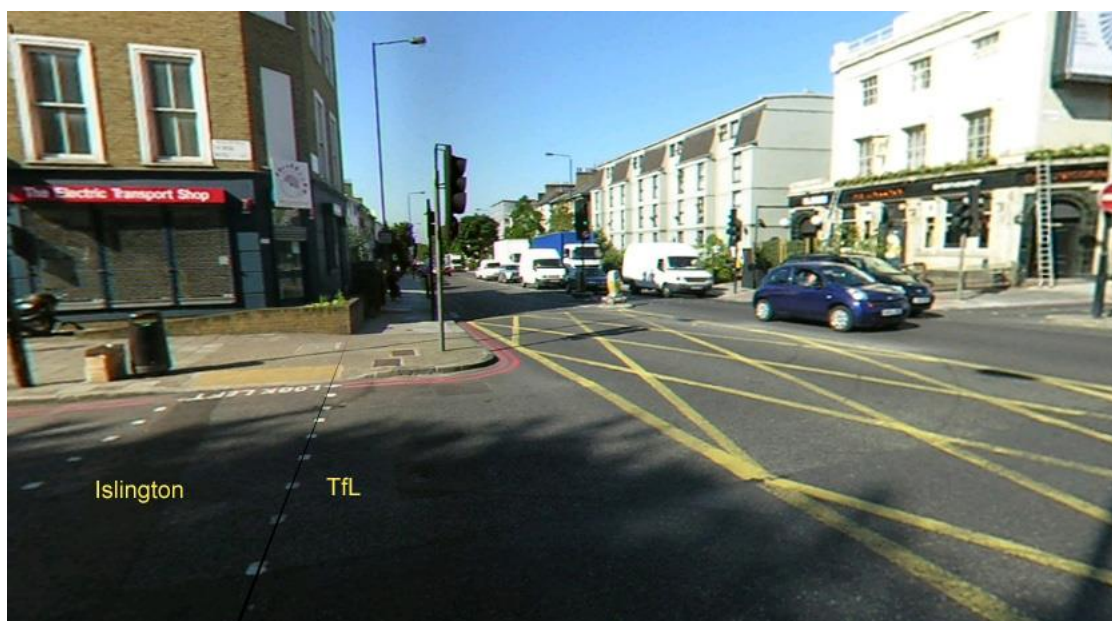
3. THE HIGHWAY NETWORK

3.1 Classification and responsibility

There are approximately 295km of streets in Islington, they can be classified as:

Transport for London (TfL) roads. 14km

*These are the former trunk roads and include
A1 (Goswell Road, Upper Street, Holloway Road);
A503 Parkhurst Road, Camden Road and Seven Sisters Road;
A 501 Pentonville Road and City Road.*



Maintenance boundary - Islington/TfL is the back edge of footway NOT the red lines

Principal Roads (Borough A roads) 28km

Principal roads are prominent A roads that provide vital links across the Borough and act as part of a London network, such as:

A104 Essex Road Balls Pond Road

A1203 Blackstock Road, Highbury Park, Stroud Green Road

A400 Junction Road

A 5203 Caledonian Road

A 1200 Canonbury Road

These Roads are the responsibility of LB Islington but attract funding from Transport for London

Other Borough Roads (B,C and Unclassified) 234.5km

This is the majority of our roads, they are where our residents live and our businesses operate.

Private Roads 19km

These include housing estate roads where we may maintain the roads by invitation.

3.2 New Roads and Street Works Act

There are other classifications of our Highways. For the purposes of the New Roads and Street Works Act, repair standards and charges for utilities excavating and reinstating our streets are:

Type 0	Motorways
Type 1	Roads carrying 10-30million standard axles (m.s.a.) per annum (<i>TfL Roads and some Principal roads</i>)
Type 2	2.5 – 10 m.s.a. (<i>The remainder of the Principal roads</i>)
Type 3	0.5-2.5 m.s.a. (<i>The majority of our roads</i>)
Type 4	Up to 0.5 m.s.a. (<i>Estate and Private Roads</i>)

3.3 The Traffic Management Act

The Traffic Management Act (TMA) has also introduced another classification for London, Strategic roads. These are the routes where the TMA requires us to also notify TfL of any proposed works.

These roads are set out in Statutory Instrument (SI) 2005-476

A104 Balls Pond Road and Essex Road
A400 Junction Road
A401 Rosebery Avenue and St John Street (part),
A1200 Canonbury Road
A5203 Wharfedale Road, Caledonian Road (part) and Hillmarton Road (part)

3.4 Maintenance and Inspection Hierarchy

The highway network is categorised further in accordance with the current version of 'Well Maintained Highways, Code of Practice for Highways Management' originally published in July 2005.

Carriageways

Hierarchy	Type	Description	Islington Street Type	Length
1	Motorway	Subject to motorway regulations	None	0
2	Strategic Route	Trunk roads and some principal A roads between primary destinations	All A roads (incl. TfL roads) e.g. Caledonian Rd	42km
3a	Main Distributor	Major urban network and inter-primary links. Short-medium distance travel	None	0
3b	Secondary Distributor	Classified Roads (B and C class) and unclassified urban bus routes carrying local traffic with frontage access and frequent junctions.	Bus Routes, B and C roads e.g. Liverpool Rd	26.5
4a	Link Roads	Roads linking between the main and secondary distributor network with frontage access and frequent junction	Local Distributor Roads e.g. Bavaria Road	109km
4b	Access Road	Roads serving limited numbers of properties carrying only access traffic	Residential, loop roads and cul-de-sacs e.g. Bemerton St	99km

Footway

Hierarchy	Type	Description	Length
1a	Prestige areas	Prestige areas in towns and cities with exceptionally high usage	22km
1	Primary Walking Route	Busy urban shopping and business areas and main pedestrian routes linking interchanges between different modes of transport, such as railways and underground stns, bus stops etc.	64.5km
2	Secondary Walking Route	Medium usage routes through local areas feeding into primary routes, local shopping centres, large schools, industrial centres etc.	53km
3	Link Footway	Linking local access footways through urban areas and busy rural footways	216km
4	Local Access Footway	Footways associated with low usage, short links between estate roads and main routes and cul-de-sacs	117km

A guide list of carriageway hierarchies is at Appendix 3. Full current details of the road network hierarchy is available on the Highways system.

4. HIGHWAY SAFETY INSPECTIONS



4.1 Introduction

Safety Inspections form only part of the inspection regime in accordance with the strategy. An effective regime of inspection, assessment and recording is an essential element of highway maintenance. The regime is based on the assessment of the risks involved and the current version of 'Well Maintained Highways, Code of Practice for Highways Management', first published in July 2005 (The Code of Practice).

The inspection, assessment and recording should provide the basic information needed to address the key objectives of the highways maintenance strategy:

- Network Safety
- Network Serviceability
- Network Sustainability

The regime is applied systematically and consistently using a standardised recording system so that risk assessment procedures are clear and transparent.

Inspections and surveys are carried out under the following categories:

- Safety Inspections – regular, comprehensive inspections of all specified elements of the network to identify defects. (Supporting network safety)
- Service Inspections –tailored to the requirements of particular elements to ensure that they meet requirements for serviceability. The category includes inspections for regulatory purposes, including NRSWA, intended to maintain network availability and reliability – (Supporting network serviceability)
- Condition Surveys –identifies deficiencies in the highway fabric which, if untreated, are likely to adversely affect its long term performance and serviceability – (Supporting network serviceability and sustainability)

Safety Inspections

Safety inspections are used to identify defects, trigger repairs, protect the asset, minimise the risk to road users and to support a statutory defence against third party claims. The defects include those that require urgent attention as well as those where the location and nature of the defects are such that a longer period of response will be acceptable.

“Routine safety inspections are designed to identify defects likely to create danger or serious inconvenience to users of the network or the wider community” (Code of Practice).

The elements that need to be defined for an effective safety inspection regime are:

- Frequency of inspection
- Items for inspection
- Degree of deficiency
- Nature of response

The regime for Islington provides a practical and reasonable approach given the nature of the borough.

4.2 Safety Inspection Frequencies

Safety inspection frequencies have been developed around the Code of Practice, recognising that all inspections will be carried out on foot. There is a single inspection regime for each street or section of street where the street is divided into two or more sections.

The frequencies recognise that as an inner London authority, the majority of urgent defects occur on the footways.

Frequencies of safety inspections are based upon consideration of:

- Category within the network hierarchy
- Traffic use, characteristics and trends
- Incidents and inspection history
- Characteristics of adjoining network elements
- Wider policy of operational considerations and
- Staff availability.

Heavily used pedestrianised areas such as markets are termed Prestige Footways and are inspected once a month, on days or times when the markets are closed. Primary walking routes are also inspected once a month, with secondary walking routes inspected once every three months. Category 3 and 4 footways are inspected every six months. Whilst recognising the wider operational issues, the target intervals between inspections should be within $\pm 10\%$.

Supplementary Safety Inspections may be carried out from time to time in response to complaints or following a report of an accident. These extra inspections shall be recorded but will not change the normal schedule of inspections.

Table 1. below outlines the inspection frequencies adopted for Islington and should be read with item 3.4.

Feature	Category	Hierarchy	Islington Frequency
Carriageway	Main Distributor	2, 3(a)	1 or 3 month
	Secondary Distributor	3(b)	3 month
	Link Road	4(a)	3 or 6 month
	Local Access	4(b)	6 month
Footway	Prestige Areas	1(a)	1 month
	Primary Walking Route	1	1 month
	Secondary Walking Route	2	3 month
	Link Footway	3	6 month
	Local Access Footway	4	6 month
Cycleway	Part of Carriageway	A	As for carriageway
	Remote from Carriageway	B	6 month or as for footway

Where footway and carriageway inspection frequencies vary, the more frequent inspection will be adopted.

4.3 Safety Inspection Methodology

The borough is divided into four inspection zones, north, south, east and west based on ward areas. Each zone is then divided into twelve areas, with each area effectively representing a week of inspections. A thirteenth week with no scheduled inspections completes a thirteen-week (three-monthly) cycle. Alternating halves of the six monthly inspection regime streets are inspected in each cycle, together with all of the three monthly streets. Monthly inspections are inserted into the inspection routine at the appropriate times, although may well not be contained within the area being walked during that week. Monthly inspections are always carried out on the fourth day of the month, or the nearest working day if the 4th falls on a non-working day.

Streets are inspected on foot, with inspectors walking each footway in the same direction as the traffic. On one-way streets, the street should be walked as though it was a two way street.

All inspections are recorded on hand held PDAs using a HMIS system (Symology Insight). The information recorded is up loaded into the Insight database at regular intervals during the day. Surfaces are spray painted or marked to assist repair staff in locating the defect.

Refer to diagram 1 on page 45 for a summary of the process involved.

4.4 Items for Inspection

All scheduled safety inspections shall observe defects from the following list of items of highway inventory (not exhaustive):

- carriageways
- pedestrian crossings
- footways
- surfacing (e.g. anti-skid, colour surfacing)
- kerbing
- ironwork
- drainage
- private attributes e.g. coal plates, building access hatches, pavement lights, smoke vents etc.
- grass verges
- road markings
- signs/bollards/illuminated signs/streetlights/signals
- safety fencing and barriers
- trees and vegetation
- steps and handrails
- subways
- general overview if appropriate

Other details should also be noted on the inspection record, such as:

- missing or illegible street nameplates
- blocked gullies causing severe flooding
- dangerous or defective utility works, openings or reinstatements
- dangerous operations by third parties, such as developers
- overhanging trees and bushes
- dangerous private paving, coal plates and cellar flaps
- private forecourts
- highway works (including maintenance and utility works)

4.5 Degree of Deficiency

Safety inspections will identify hazardous or potentially hazardous defects. Examples of defects are listed below as guidance only:

- Broken, uneven, rocking or loose paving stones, a sharp vertical 20mm plus step
- Localised footway depressions, pot holes gaps and trips, 20mm plus
- Damaged or dislodged kerbs
- Flooding making the footway impassable
- Broken or seriously dislodged non illuminated bollards and posts
- Damaged guard railing that could cause injury to pedestrians or damage to vehicular traffic
- Fly tipped builders rubble
- Hazardous posts with signs attached etc., or with low headroom
- Mandatory signs facing the wrong way, missing or obscured
- Carriageway potholes or localised subsidence above 40mm
- Flooding of carriageway causing danger to vulnerable users such as cyclists

- Missing mandatory white carriageway markings
- Dangerous trees, loose branches or apparently unstable
- Debris, spillage or contamination on running surface
- Displaced road studs lying on running surface
- Overhead wires damaged or unstable
- Damaged and exposed electrical wiring
- Apparently slippery surfaces due to spillage etc.
- Ironwork (gully lids, manholes etc.) broken or missing

Similar criteria are to be applied to anything else, which is considered to present a safety hazard or danger to users of the highway.

Many defects are the responsibility of individuals or organisations other than the Council e.g. private forecourts or utility covers. Unless urgent action is required, the Inspector will pass on the relevant information to the section or department responsible and record the action.

Personnel carrying out Safety Inspections should record any utility street works being undertaken. Any obvious dangerous activity or inadequate signage should be photographed and reported to the Streetworks section. Refer to the Health and Safety and Street Works sections of this handbook for further information.

Similarly the Inspector should record works being undertaken on the highway by our contractors. Any obvious dangerous activity or inadequate signage should be reported to the engineer in charge of the works. Direct action by the Inspector may be appropriate in some circumstances, refer to the Health and Safety section of this handbook for further advice.

All other works carried out on or alongside the highway that pose a hazard to road users must be recorded and appropriate remedial actions taken. If the third party is unwilling or unable to rectify the problem, we will implement remedial action as a recharge.

Intervention Levels

It is impossible to repair all defects in the public highway, and the courts accept this:

“The public must expect minor obstructions in the road and therefore must expect minor depressions in pavements. A balance between public and private interest must be found.”

(Mills v Barnsley Metropolitan Council 1992).

The test of whether or not a defect is dangerous is not simply a question of mechanical measurement. It is also a question of foreseeability. If the defect is left unrepaired, is it reasonably foreseeable that in the normal course of events accidents will occur?

Ultimately each particular case is open to interpretation and discretion applied by the inspector and it is ultimately only the courts that can decide whether or not the defect should have been foreseen as dangerous. Although it is tempting for the inspector to take an over-cautious approach this stance should not be taken; rather the inspector

must apply the guidance given and make a decision based on the particular circumstances of each case.

The guidelines given in this document are set taking into account a number of legal precedents and the Code of Practice.

Footway Intervention Level

The following factors must be taken into account before a decision is made whether a defect is dangerous or is going to foreseeably become dangerous:

- Location – is the defect on a normal route for pedestrians. E.g. defect up hard against a wall will often not be dangerous
- Level of pedestrian use and the characteristics of the neighbourhood
- Size of the defect
- Guidelines of 20mm or above

The inspector will record all defects that require intervention

A defect should not automatically be repaired because an accident has occurred or a damages claim has been submitted ; e.g. someone trips over a kerb. If the Highway Inspector considers that the defect is hazardous then repairs will be ordered. Where a defect is not seen as foreseeably dangerous but a service request for repairs has been received, then repairs should be ordered as basic customer care.

The minimum clearance height for footways is 2.1 metres although a clearance of 2.3 metres should be achieved wherever possible. In the same way as for other intervention levels the inspector should apply discretion and take into account other factors when deciding on an appropriate intervention level for height clearance.

Damaged/missing sections of pedestrian safety fences and guard rails should be treated as Category 1 defects and made safe within 24 hours, unless damage is clearly superficial with no loss of integrity of the fence or barrier.

Carriageway Intervention Level

Although in general a less stringent criterion for intervention is used on carriageways than on footways, a certain amount of discretion should be applied and the following factors should be taken into account:

- Pedestrian Use – is the area used by a large number of pedestrians e.g. a well-used crossing point either designated or informal
- Traffic Profile – factors that will affect both the likelihood of an accident and the speed at which any defect may deteriorate and become dangerous
- Condition of the adjacent surfacing – if the whole carriageway is deteriorating and is likely to become dangerous before the next inspection then planned major works may be considered.
- Guidelines of 40mm or above

4.6 Nature of Response

Section 9.4.18 of the code suggests Category definitions based on those used by the Highways Agency, responsible for motorways and trunk roads. These do not match the characteristics of Islington's streets.

In accordance with Appendix B of the code, Islington adopts the following procedures:

All defects are recorded and categorised as Emergency, Urgent or Planned works:

Emergency – those that require attention within 4 hours because they represent a significant threat to life and limb.

Urgent - those that require prompt attention within 3 days because if they deteriorate further, they will become a hazard.

Planned works (non-hazardous defects) – all other defects/planned maintenance

Inspectors should detail the necessary repair response on the inspection report. The response will be categorised as Emergency, Urgent, or Planned works. Selection will depend on the discretion of the inspector with due regard to guidance contained within this document. Inspection reports including Emergency and Urgent works will be loaded into the Symology Insight HM system at regular intervals during the day. At the end of each day the Inspectors verify that the data has successfully loaded onto the system.

Any defects noted for repair as urgent should be discretely marked with white paint whilst carrying out the inspection. Defects noted for planned works may either be marked immediately or at a later date depending on the time scale for the repairs.

Following inspections on roads that are not yet adopted for maintenance, any defect or maintenance requirement is to be referred to the developer for attention.

Defects noted on private forecourts and similar areas adjacent to the adopted highway should be noted and forwarded to the Streetworks team.

Any encroachment or obstruction onto the highway by privately owned trees, shrubs, hedges, goods for sale etc. should be noted. Enforcement action shall be taken in accordance with section 5.

Any defects considered to present a significant danger to the users of the highway should be dealt with within the relevant response times detailed above, regardless of whether they are owned by the local authority.

Emergency Response

The Code of Practice defines Category 1 defects as: *“Those which require prompt attention because they represent an immediate or imminent hazard or because there is a risk of short term structural deterioration.”*

The Code of Practice states that *“if it is not possible to correct or make safe the defect at the time of inspection, which will generally be the case, repairs of a permanent or temporary nature should be carried out as soon as possible and in any*

case within a period of 24 hours. Permanent repair should be carried out within 28 days.”

Islington's defines Emergency in the same way as the conditions set out in the Code's Category 1 description.

The Code sets a target of 24hour response, but due to the nature of Islington's highway network and Islington's commitment to customer services, our target is 4 hours.

In Islington Category 1 defects can be categorised as either Emergency or Urgent depending on the nature and circumstances of the defect.

Defects requiring an Emergency response will be reported to the Operational Service (OS) immediately by telephone and recorded on Symology in a similar way to Urgent defects. The Highway Inspector must stay on site until the defect has been made safe. The defect may be made safe by using appropriate signing and guarding until more permanent repairs can be undertaken.

Urgent Response

Urgent defects will be of the type that can be repaired by a single two-man gang with limited resources, or a multiple of similar gangs in exceptional circumstances. Repairs may be only temporary in nature. Occasionally, defects will be signed and guarded until more extensive works can be completed, due to the nature of the defect.

OS are responsible for making repairs to defects termed as Urgent within 3 working days.

If the nature of the defect requires a response the next day (but does not require an Emergency Response) then the Inspector should request an earlier response from OS.

Where OS are unable to complete a permanent repair they will call upon the appropriate resources with the aim of carrying out the repairs in 28 days.

Planned response

These works are equivalent to the Code's Category 2, 28 day responses. However, due to type of defect, the nature of Islington's streets, the utility services beneath them and the traffic levels repairs will be scheduled for an appropriate time which can be between 1 and 12 months.

Where defects are not considered hazardous but there is a significant risk that the defect may become hazardous before the next inspection is due, then a planned maintenance order shall be raised by the inspector. Planned maintenance orders shall be placed on Symology and issued to the appropriate contractor.

Defects in this category should be included in the programme of planned work. The Structural Condition Surveys should also be used to inform this programme. As programmed works are not of an urgent nature due regard must be taken of the NRSWA, the Traffic Management Act and the need to consult.

Highway inspectors should not ignore the need for major works and should report problems to a highway engineer for consideration.

4.7 Defect Risk Assessment

In determining an appropriate response the inspector shall assess the risk as recommended in the Code of Practice and as outlined below.

Risk Identification

All defects as listed in 4.5 shall be assessed for risk to determine an appropriate response

Risk evaluation

All risks identified through the inspection process need to be evaluated by assessing the likely impact should the risk occur and the probability of it actually happening.

Risk Impact

The impact of a risk occurring should be quantified on a scale of 1 to 4 assessed as follows:

- Little or negligible impact
- Minor or low impact
- Noticeable impact
- Major, high or serious impact

The impact is quantified by assessing the extent of damage likely to be caused. As the impact is likely to increase with increasing speed, the amount of traffic and type of road are clearly important considerations in the assessment.

Risk Probability

The probability of a risk occurring should also be quantified on a scale of 1 to 4 assessed as follows:

- Very low probability
- Low probability
- Medium probability
- High probability

The probability is quantified by assessing the likelihood of users, passing by or over the defect, encountering the risk. As the probability is likely to increase with increasing vehicular or pedestrian flow, the network hierarchy and defect location are, consequently, important considerations in the assessment.

Risk Factor

The risk factor for a particular risk is the product of the risk probability and is therefore in the range of 1 to 16. It is this factor that identifies the overall seriousness of the risk and Figure 1Table 2 the speed of response to remedy the defect. Accordingly, the priority response time for dealing with a defect can be determined by correlation with the risk factor, as shown in Risk Matrix in table 2 below.

POBABILITY	IMPACT					Risk Matrix Table 2
		Very low (1)	Low (2)	Medium (3)	High (4)	
	Negligible (1)	1	2	3	4	
	Low (2)	2	4	6	8	
	Noticeable (3)	3	6	9	12	
	High (4)	4	8	12	16	

The inspector should use the Risk Matrix as a guide in determining an appropriate response as follows:

- Score 1-4** Coloured Green – Planned Response
- Score 5-8** Coloured Yellow – Urgent response within 3 days
- Score 9-15** Coloured Red – Urgent Response although the Inspector must further consider the risks and reduce the response time accordingly, if necessary using a more immediate response
- Score 16** Coloured Lilac – Emergency Response

4.8 Flexibility of Inspections

It is essential that safety inspections are carried out on time and there is to be zero tolerance of missed inspections. Good time keeping is key to ensure that realistic inspection routes are in place.

Symology automatically generates safety Inspection programmes on a weekly basis.

- Monthly inspections must be carried out within 5 working days of their due date
- Three monthly inspections must be carried out within 10 working days (either side) of their due date
- Six monthly inspections must be carried out within 10 working days (either side) of their due date

If a safety inspection cannot be completed within these timescales, due to inclement weather (e.g. snow or leaf fall), then this must be confirmed on the safety inspection record. The site must be revisited and inspected as soon as the weather improves. Under no circumstances must the inspection be missed.

Failure to re-visit the site effectively means that the safety inspection has been missed and this will have a direct impact on the Council's ability to successfully defend negligence claims.

The Highways Maintenance Manager is responsible for carrying out audits, at least once per month, to validate that Inspections have been completed on time. Appendix 1 details the Highway Safety Inspection Audit Process.

4.9 Mobility

The Disability Discrimination Act 1995 (DDA) came into full force on 01 October 2004 and requires a greater focus on the needs of the mobility impaired, including the partially sighted and wheel chair users.

A minimum width of 1.2 metres is required to allow a wheel chair to pass between obstructions, although a 2 metres width is recommended.

Any obstructions that may hinder the mobility impaired or those with impaired vision should be noted. The Street Works inspectors control tables, chairs and A-boards on the highway and any problems observed, as part of the Safety Inspection should be passed to them.

All footways should have a minimum headroom clearance of 2.1 metres (preferably 2.3 metres) and any potential obstructions above ground, such as low branches, over-hanging hedges and low signs must be noted on the inspection and dealt with.

Pavement cross falls are also important to wheelchair users; cross falls exceeding 10%, even over a short distance, will prevent a wheel chair user getting onto the pavement, having crossed the road.

Bollards must have a minimum height of 1metre and litterbins etc. must be at least 1.3 metres high and be continuous from the ground. They should be positioned in line with other street furniture. Partially sighted users of the highway rely on the continuity of street furniture.

Maintaining access is important for disabled drivers and particular attention should be given to disabled parking bays together with associated road markings and signage.

It is essential that the needs of the mobility impaired be taken into account when considering the degree of deficiency and appropriate response to defects.

4.10 Trees

Greenspace, the Council's parks and recreation service, inspects trees on or adjacent to the highway. However highway inspectors should record obvious dangers whilst carrying out the normal safety inspections. The inspectors should note any encroachment or visibility obstruction and any obvious damage, ill health or trip hazard.

The Code of Practice defines Highway Trees as all trees within falling distance of the highway and states that inspections should include all Highway Trees. In England the Highway Authority is responsible for ensuring that trees outside the boundary, but within falling distance, are safe.

In particular inspectors should record details of trees:

- Considered to be dangerous
- With roots likely to cause a trip hazard
- With roots causing damage to paved areas
- Obstructing the highway
- Obstructing sight lines
- Obstructing road signs

Where branches are below 5.5 m in height over the carriageway or 2.5 m over the footway, then the risk to users of the highway needs to be sensibly assessed. Liaison with bus companies may be appropriate to determine whether overhanging branches are causing a particular problem to buses. Where pruning works are considered necessary recommendation should be made to Greenspace.

All defects should be passed to Greenspace for attention. If the Highway Inspector is in any doubt as to whether a tree is actually a danger, advice should be sought from Greenspace.

Where trees pose an immediate danger Greenspace must be informed immediately by telephone. The inspector must treat the danger as an emergency defect and the response as set out in 4.6 should apply; this will include staying on site to protect users of the highway as necessary. If Greenspace are unable to provide an emergency response for any reason then the highway must be protected by appropriate signs and barriers; in extreme cases the road should to be closed with a temporary diversion put in place.

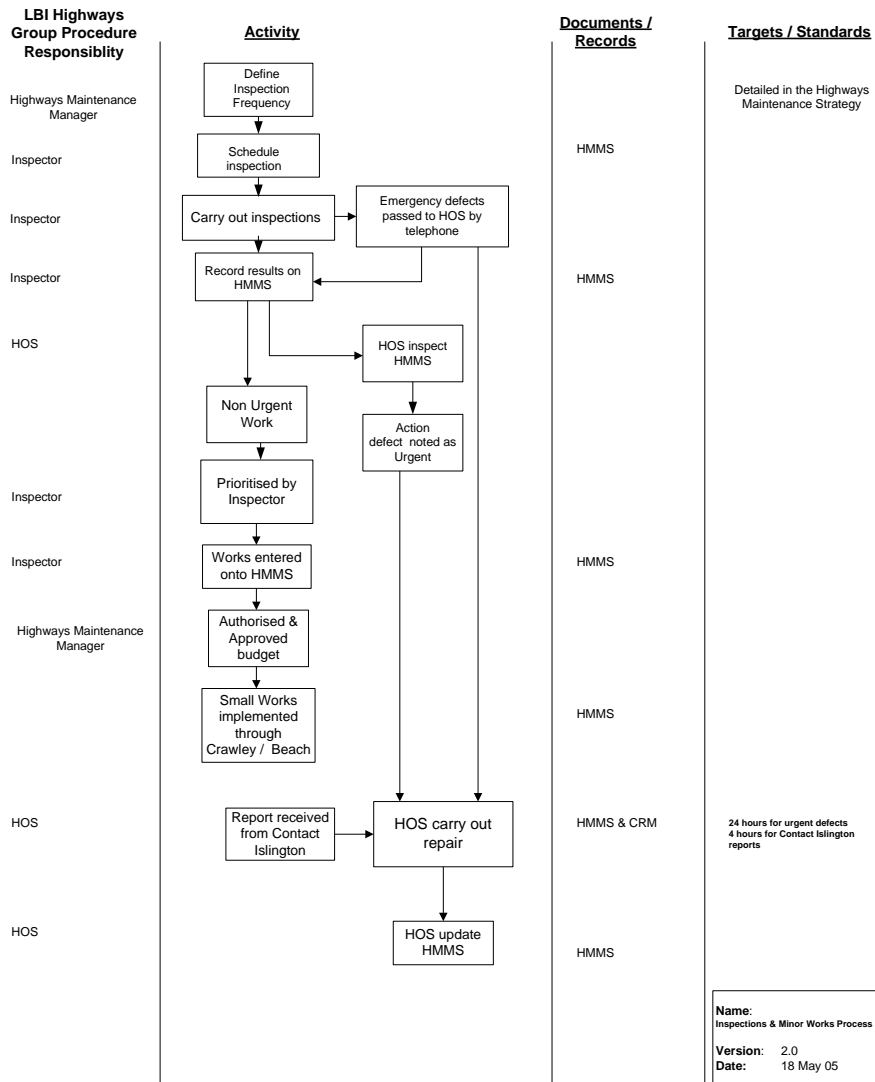
There are no formal inspections of privately owned trees adjacent to the highway. However, any private trees noticed by the inspector whilst carrying out his inspections, which are considered to be a danger to users of the highway, must be reported and the Highways Service will take appropriate action.

Notices can be served on the owners of trees considered to be dangerous under section 154 of the Highways Act 1980, giving 14 days' notice for the works to be carried. In law the works can be done in default and the cost claimed from the owner, although in practice this is likely to be problematic.

If the ownership of a tree, hedge or shrub cannot be established easily, usually within 5 days, then a Section 154 notice can be placed on or adjacent to the trees (see section 5).

DIAGRAM 1

INSPECTIONS & MINOR WORKS



5. ENFORCEMENT

5.1 Introduction

Within the Highways service, enforcement is split across different sections including, Highway Maintenance and Streetworks.

Enforcement most commonly falls under the New Roads and Street works Act (NRSWA), the Traffic Management Act (TMA) or the Highways Act 1980.

This section deals with the Highways Act enforcement only, refer to section 6 for NRSWA and TMA enforcement.

Islington Council is the Highway Authority for the borough except the Transport for London Road Network TLRN (managed directly by Transport for London).

The Highway Authority has a duty under section 130 of the Highways Act 1980 to assert and protect the rights of the public for the use and enjoyment of any highway for which they are the Highway Authority.

Enforcement can be pursued in four ways:

- Direct action to remove the obstruction
- Prosecution
- Serving notice on the person responsible, to take action within a given time, followed by prosecution if they fail to act
- Serving notice on the person responsible, to take action within a given time, arranging for the works to be completed on a rechargeable basis if they fail to act

Under common law anything that interferes with the right to pass along the public highway is deemed an obstruction that must be removed. However certain statutory provisions allow for certain facilities such as street furniture, bus shelters etc. to be placed by the highway authority and other bodies.

Section 115B of the Highways Acts 1980 provides power to councils to place certain items on the highway e.g. recreation facilities, centres for information/advice, trees etc.

5.2 The Highways Act

The following paragraphs outline some of the more useful sections of the Highways Act 1980. Legal advice should be sought before taking any legal action. Some powers may only be used by the Head of service or under his delegated authority. The “authority” always refers to the Highway Authority, in this case the London Borough of Islington.

Section 131 – Penalty for damaging the highway

If a person without lawful authority or excuse

- *Makes a ditch or excavation in a highway, comprising a carriageway*
- *Deposits anything whatsoever on a highway so as to cause damage*
- *Lights a fire*
- *Pulls down or obliterates a lawfully placed sign, milestone or directions post*

He is guilty of an offence.

No powers to take direct action. The authority may only pursue a fine. Therefore this section is rarely used in practice. Refer to sections 133 or 333, which give the option of rechargeable direct action.

In some cases permission is given to organisations to fit temporary signs to street furniture and signs, therefore Inspectors need to check permission has not been granted if necessary.

Section 132 – Unauthorised marks on the highway

If any person without lawful authority or excuse:

- *Paints upon any part of the highway*
- *Fixes any picture/notice to any tree/structure on the highway*

He is guilty of an offence and liable to a fine.

The authority uses this section extensively as it gives the power to remove signs without notice, if they are fixed to the highway or to a structure within it. It is under these powers that fly posters are often removed.

The authority may remove any mark or sign described above without reference to the apparent owner.

It is unusual to apprehend those responsible in committing the offence so legal action under this section is rare.

The removal of notices not fixed to the highway can be addressed by immediate action on a rechargeable basis under section 149 of the Act.

Section 133 – Damage to footways of streets by excavations

If a footway is damaged by

- *Any excavation on adjoining land*
- *Work done on adjoining land*
- *Unauthorised excavation on the footway*

The authority may make good the damage and recover reasonable costs from the owner of the land or person responsible.

The authority should allow the people responsible to undertake the work themselves, by using an accredited contractor, but the authority may then make a supervision charge.

It is important that in such cases prompt action is taken and accurate records are kept.

Section 137 – Penalty for wilful obstruction

An obstruction is “anything which stops any person or vehicle from passing safely along the width or height of the highway”.

All obstructions identified whilst carrying out safety inspections, or inspection following a report from the public, should be removed by direct action. The priority

given to removal should depend on the inconvenience and/or hazard the obstruction is causing.

Legal action should be considered where repetitive obstructions occur and are considered to be wilful. There is no need to prove that anyone has been inconvenienced.

Powers also exist under this section of the act to apply to the court for civil injunctions to prevent repetitive abusers.

Section 149 – Removal of things so deposited on the highway as to be a nuisance

If anything is placed on the highway as to cause a nuisance the authority may serve notice on the person who deposited it there, requiring them to remove it.

If the person fails to comply with the notice than the authority may apply to the magistrate's court for a removal and deposit order (not recommended).

Alternatively, and more usefully, if the item is considered to present a danger to users of the highway (and any item on the highway which is unlit at night would present a danger) then the object may be removed without delay and costs recovered from the person(s) responsible if known.

- (Note: this section should not be used for removal of abandoned vehicles, rather use the Refuse Disposal (Amenity) Act 1978 or the Clean Neighbourhoods and Environment Act 2005)

Section 152 – Powers as to removal of projections from buildings

The authority may serve notice on the owner and/or occupier of any building requiring him to remove or alter any porch, shed, projecting window, step, cellar, cellar door, cellar window, sign, signpost, sign iron, show board, window shutter, wall, gate, fence or other projection which obstructs the safe or convenient passage along a street.

However the owner/occupier may appeal.

Subject to any order made on appeal, if a person fails to comply with a notice served on him within 14 days, from the date of the service of the notice, he is guilty of an offence and may be fined.

The authority may also remove the obstruction to which the notice relates and recover the costs from the person responsible.

Before taking action under this section of the Highways Act the inspector should liaise with the building control officers and determine whether it would be more advisable for the authority to take action under section 78 of the Building Act 1984 which gives power to the Local Authority to remove dangers over hanging the highway without notice.

Section 153 – Doors etc. in streets not to open outwards

No door, gate or bar that opens outwards on a street on any premises shall be put up without the consent on the authority.

The authority may serve notice on the occupier/owner to remove the obstruction.

However the owner/occupier may appeal.

Subject to any order made on appeal, if a person fails to comply with a notice served on him within 8 days, from the date of the service of the notice, he is guilty of an offence and may be fined.

The authority may also remove the obstruction to which the notice relates and recover the costs from the person responsible (in practice this would cause serious practical difficulties).

Section 154 Cutting or felling etc. trees etc. that overhang or are a danger to roads and footpaths

Where a hedge, tree or shrub, including vegetation of any description, overhangs the highway so as to endanger or obstruct the passage of vehicles or pedestrians to which the public has access or obstructs or interferes with view of drivers of vehicles or the light from a public lamp or where a hedge, tree or shrub, including vegetation of any description is considered by the Highway Authority to be dead, diseased, damaged or insecurely rooted and is likely to cause danger by falling on the highway, the authority responsible for the highway may serve notice on the owner of the hedge, tree or shrub or to the occupier of the land on which it is growing requiring him to remove the danger within 14 days of the date of the service of the notice.

A person, if so aggrieved, may appeal against the notice to a Magistrates Court.

Subject to any order made on appeal, if a person fails to comply with a notice served on him the authority may carry out the work required by the notice and recover the reasonable costs from the person responsible.

It is often difficult to determine ownership of land or responsibility for trees/ hedges etc. and serving of a section 297 notice requiring the occupier to provide this information may be useful.

Notice can be served on the site by placing notice to the tree (tape or glue, do not use nails).

There are no powers to take immediate action, if the tree is considered an imminent danger to the users of the highway, then an emergency road closure should be arranged with urgent works arranged on a rechargeable basis under section 333 of the Highways Act.

In all cases advice must be obtained from the Council's Tree Officers before taking any action.

Section 163 – Prevention of Water Falling onto or flowing onto a footway

The authority may serve notice on an occupier/owner of premises adjoining the highway, giving 28 day's notice, within which time he must take measures to prevent water from his premises falling or flowing onto the highway or persons using it.

The person may appeal against the notice to a Magistrates Court.

Subject to the appeal, if the owner/occupier fails to comply he is guilty of an offence and liable to a fine for each day of continuance.

Section 151 of the Act should be used in cases of water flowing onto the carriageway.

Section 166 – Forecourts abutting streets

The authority may by notice require the owner of a private forecourt, of premises abutting a street, to remove any source of danger, obstruction or inconvenience by either fencing off the danger or at his election take such steps as may be specified in the notice to remove the danger.

Such a nuisance can relate to steps, projections and goods.

This section is not mandatory but may be used by the Council to fulfil a general Duty of Care.

Section 167 – Powers relating to retaining walls near streets

No length of retaining wall which is within 4 yards of a street and greater than 4ft 6in. in height shall be erected without the plans and specifications having been approved by the authority.

Any person aggrieved by the refusal of approval of plans can appeal to a Magistrates Court.

If a retaining wall is in such condition as to present a danger to the persons using the highway, the Local Authority may serve notice on the person responsible requiring him to undertake such works to remove the danger.

Advice should be sought from the authority's bridges and structural engineers if appropriate.

Some matters can be referred to the authorities Building Control section for action.

Section 180 – Control of openings into cellars, etc., under streets and pavement lights and ventilators

No person shall open the footway to construct a cellar or vault entry without the consent of the authority.

Where consent is given the construction should be of such materials as directed by the authority.

If a person is refused permission, he may appeal to a Magistrates Court.

Anyone contravening the above or a condition of the approval is liable to a fine.

Where permission is granted the authority shall inform any statutory undertakers affected.

The maintenance and upkeep of the cellar, pavement light etc., is the responsibility of the owner of the premises.

If the owner fails to maintain the cellar, pavement light etc. in good condition the authority may give 24 hours' notice to make safe, after which time the authority may carry out the work in default and recover the costs incurred.

Advice must be sought from a structural engineer before granting permission for such works.

Section 297 – Power of Highway Authority to require information as to ownership of land

This section provides power for the authority to identify the occupier of any land, and any person who directly or indirectly receives rent together with the name and address of any other person known to have an interest therein, such as freeholder, mortgagee, lessee or otherwise, for the purpose of discharging any highway function.

Any person who fails to give this information or knowingly provides misinformation is liable to a fine.

This is a useful power and should normally be used prior to other enforcement notices to ensure the notice is served on the right person.

6. STREETWORKS INSPECTIONS

6.1 Introduction

The increase in the number of works promoters licensed to lay mains and cables, within our streets, brings with it the increased potential for conflict between works promoters who have the statutory rights to use the streets for provision of essential services, highways maintenance and highway users.

It is important that the safe and efficient movement of traffic, pedestrians and cyclists is maintained in Islington. The inspections listed below which are the responsibility of Islington's Streetworks Section under the New Roads and Streetworks Act 1991 (NRSWA) and the Highways Act 1980 are carried out in order to avoid unnecessary disruption and inconvenience to our highway users.

Islington has been a founder member of the London Permit Scheme set up under the Traffic Management Act. Our permit system is set out in SI2009/3180 The Traffic Management (London Borough of Islington) Permit Scheme Order. The scheme compliments NRSWA whose principal sections are set out below.

Sample inspections

Section 65 and 75 of NRSWA used to monitor the overall performance of a works promoter

Defect Inspections

Section 72 of NRSWA in place to identify defective reinstatements, which do not comply with specification

Overstay Inspections

Section 74 of NRSWA identifies prolonged occupation of the public highway and works promoters are charged accordingly (100% of works in Islington are inspected)

Inspections of works promoters plant (Section 81)

Section 81 of NRSWA applies to a works promoter's plant that is found to be defective (inspected and reported as necessary)

Licence Inspections

Highways Act 1980 Sections 169, 171 and 172 skips, builders materials, scaffolds, hoarding and tables and chairs - applies to lawful and unlawful interference with highways and streets.

6.2 Sample Inspections

This is the procedure by which Streetworks Inspectors can regularly establish the overall performance of each works promoter operating in Islington.

It involves inspection of a structured random sample of works at various stages during the works and reinstatement guarantee period. It will enable the Streetworks

section to monitor the level of compliance with the relevant prescribed standards in the Codes of Practice for Inspections as laid out in the New Roads and Streetworks Act 1991. The Streetworks Inspector should also check that the works promoter is complying with his duty under section 67 of the New Roads and Streetworks Act in relation to qualifications for persons as supervisors and operatives.

There are three categories of sample inspections A, B and C. These stages have been identified at which significant information on works promoters performance can be obtained in accordance to the New Roads and Streetworks Act 1991.

Inspection category A

This is undertaken during the progress of the works. Inspections in Category A cannot be selected and programmed because of the practical difficulties of coordinating the movements of inspectors with the activities on work sites. Consequently, Islington's Streetworks inspectors are responsible for selecting sites to visit; ensuring as random a sample as is practicable, including works in all types of streets as appropriate.

Upon locating an open excavation the Inspector must find the notice for the works on the Highway Management system in our case Symology's Insight.

A pass or fail of the site must be recorded and subsequently sent to the works promoter.

If the site passes the inspection, no further action is necessary.

If the site fails the inspection and no one is on site the inspector should determine whether the site has higher or lower risk inadequacies.

Lower risk inadequacies - by the end of the next working day the works promoter must be notified of the problem and has 4 hours to rectify the matter from this time. If the works promoter does not respond the Islington's Highway Operations Service (OS) must be called upon to put things right and recharge the utility and inform them of the charge.

Higher risk inadequacies - the works promoter must be contacted by a logged telephone call and electronically, ensure a name is obtained from the person you are reporting to and a reference number if available. The works promoter has 2 hours to respond. . If the works promoter does not respond then Islington's Highway Operations Service (OS) must be called upon to put things right and recharge the works promoter and inform them of the charge.

If a site is deemed to be far too dangerous and needs to be made safe immediately the Highway Operations Service (OS) should be contacted, the works promoter must be informed of this action and recharged accordingly.

Photographic evidence needs to be obtained by the inspector to support this action.

Inspection category B

This is undertaken within the first six months following permanent reinstatement and all inspections are randomly selected by the highway management system.

A pass or fail of the site must be recorded following an inspection and subsequently sent to the works promoter.

If the site passes the inspection it must be recorded on the inspectors Personal Digital Assistant (PDA) and later uploaded onto Insight. No further action is required.

If the site fails the inspection the inspector must record the information using their PDA giving the reason(s) why and request a joint inspection from the works promoter responsible. When the PDA is uploaded onto Symology the data recorded will automatically be sent to the appropriate works promoter and all further inspections of the site will be generated automatically by the system, until the site has been passed.

Inspection category C

This is undertaken within the three months preceding the end of the guarantee period and all inspections are randomly selected by the highway management system.

A pass or fail of the site must be recorded following an inspection and subsequently sent to the works promoter.

If the site passes the inspection it must be recorded on the inspectors PDA (Personal Digital Assistant) and later uploaded onto Insight. No further action is required.

If the site fails the inspection the inspector must record the information using their PDA giving the reason(s) why and request a joint inspection from the works promoter responsible. When the PDA is uploaded onto Symology the data recorded will automatically be sent to the appropriate works promoter and all further inspections of the site will be generated automatically by the system, until the site has been passed.

6.3 Defect/Routine Inspections

Defect inspections are concerned with reinstatement defects such as old interim reinstatements or reinstatements that do not meet the specification as laid out in the codes of practice i.e. road markings that have not been replaced or inadequacies with signing, lighting and guarding.

In order to combat the problem streetworks inspectors carry out routine inspections on a street-by-street basis, as well as responding to customer complaints. Any expired interim reinstatements or trenches that do not meet specification as noted in the codes of practice must be reported to the appropriate works promoter in the following manner.

Insight must be interrogated in order to find a notice that relates to the defect found.

If a notice is found a routine inspection must be recorded giving the reason(s) for the failure and a request for a joint inspection with the works promoter responsible must be made.

If following a thorough search of Symology Insight a notice still cannot be found Streetworks Administration should be asked to create an un-attributable works notice upon which the defect will be failed.

Once a site has been failed, Insight will automatically generate all further inspections on the date due until a pass is recorded.

If a works promoter does not take responsibility for a defected trench a trial hole should be organised.

Agree a date with Streetworks administration, who will inform all works promoters giving each at least 10 working days' notice of when the trial hole is due to take place and inform OS. (Remind them that the appropriate signing and guarding, tools and personal protective equipment are imperative).

All trial hole dates must be placed on the Streetworks calendar.

When plant or ducting is exposed and can be identified, the Streetworks inspector takes photographs and records a failure on their PDA using the procedures noted above. The works promoter responsible should then be recharged accordingly via the Streetworks administration section.

All defect reinstatement photographs must be attached to the notice it relates to on Symology Insight.

6.4 Overstay Inspections

Each notice submitted by a works promoter has an end date; if the works promoter is still on site after this date Section 74 charges apply.

All Section 74 inspections must be prompted manually on Symology Insight on a daily basis using the 'closure's due' report.

The inspections must also be downloaded onto the inspectors PDA.

If the site is found to be closed and clear upon inspection it must be recorded on the PDA as a pass and no further action is required.

If the site is not closed or clear it fails the Section 74 inspection, this must be recorded on the PDA and the site must be photographed from at least two different angles, ensuring that the works promoters courtesy board (if being used) is in the picture along with some sort of landmark, (preferably a street nameplate) so there can be no question of the location of the site.

Upon return to the office all inspections must be uploaded onto Insight (presuming that this has not been done wirelessly from site). Any inspection that has been recorded on the PDA as a failure will automatically be prompted for inspection on the next working day.

On the first day of a site failing a Section 74 inspection the works promoter must be sent a 'charging started' notification electronically, which must also be printed.

Photographs taken must be downloaded and placed on the Streetworks network drive in the photo's folder and labeled. One photo of the site must then be inserted onto a template with the appropriate local authority reference number, date and location. TWO colour copies of this must be printed and signed.

A progress sheet must then be filled in and placed in a plastic pocket along with the inspection sheet, Charging Started Notification and two signed colour photographs. Each subsequent inspection of the site must be placed in the same plastic pocket with two signed colour photos and the progress sheet completed daily until the site is closed and clear.

6.5 Inspections of Works Promoters Plant (Section 81)

This is carried out on a reactive basis following complaints or whilst on daily duties.

If any works promoters plant is found to be defective details giving the location, works promoter and fault should be passed to Streetworks Administration, who will log the details and send the information to the relevant works promoter.

If the works promoters' plant is deemed to be too dangerous and requires immediate attention, OS should be contacted to make the location safe. The works promoter must be informed and recharged accordingly. A photograph must be taken of the defective plant.

No further action is required the works promoters plant is their responsibility.

6.6 Licence Inspections

Carried out to ensure the structure to be erected will not cause unreasonable obstruction of the highway.

Scaffolding and Hoarding

Following receipt of an application the location must be pre-inspected in order to verify whether the applicant's measurements are correct and would not cause any unreasonable obstruction of the public highway.

Any street furniture with an electricity supply which is likely to be enclosed or within a metre of the proposed site must be reported to the Lighting team prior to any licence agreement so that any additional or alternative lighting requirements and associated costs can be included where appropriate.

The location must be photographed from various angles to obtain a definitive record of the condition of the footway and/or carriageway. (Photos must be printed and filed with their applications)

If application is agreed the licence must be issued through the post.

If application is not agreed the client may be contacted via telephone in order to discuss the revised application or if necessary informed that they cannot have a licence at all.

The applicant must advise in writing that works are complete at which stage a post-inspection is carried out.

If site passes the post-inspection the applicant's details are referred to the Finance Section in order to raise a refund of their deposit.

If the site fails the post-inspection the applicant must be informed in writing of the reason(s). Their deposit must not be refunded and the necessary arrangements must be made in order to repair the damage.

The placing of scaffolding/hoarding on the public highway must comply with Islington's policy as laid out in the Islington Streets – Assisting Pedestrian Shoppers (*attached below in italic*)

Conditions and criteria for granting Scaffold and Hoarding licences

A Business may be required to erect a scaffold, with or without a hoarding, on the highway. A licence may be granted if the following criteria are met.

- *A satisfactory outcome from a site meeting to agree the position and nature of the scaffold/ hoarding;*
- *The Council is indemnified against all claims resulting from an incident caused by the scaffold or during its operation;*
- *The scaffold is erected and used in accordance with the manufacturer's guidelines and compliance with the relevant safety legislation and standards;*
- *A deposit to cover any possible damage to the highway is paid in advance. This will be refunded, if after inspection, no damage to the highway is evident.*
- *The scaffold is of a fixed nature (not mobile) of either standard or putlog type.*
- *A deposit to cover any possible damage to the highway is paid in advance. This will be refunded, if after inspection, no damage to the highway is evident.*
- *The scaffold/ hoarding will not cause any danger or nuisance to any users of the highway.*

The licensee will be subjected to the following conditions as part of the licence provision:

- *The design of the scaffold will allow for the maximum pedestrian access and protection*
- *Clear headroom of 2.6m must be provided above sections of the footway that have pedestrian access*
- *Clear headroom of 5.1m is required over the carriageway*
- *Standards must be lit at all times with bulkhead lights (60 watt min) at 3m spacing with white lights at the back of the footway and red lights facing the carriageway*
- *Outer standards must be painted white to a minimum height of 2.6m*
- *No tubes, boards or associated fittings may be stored on the highway during erecting and dismantling.*
- *Public must be protected at all times during erecting, dismantling and operation of the scaffold.*
- *Safe systems for working must be used at all times*

Skips

Skips are inspected reactively, some matters regarding skips can be discussed with builders at time of visit in order to rectify.

In other cases (i.e. overfilled skips) the company should be contacted and asked to remove the skip.

The placing of skips on the public highway must comply with Islington's policy as laid out in the Islington Streets – Assisting Pedestrian Shoppers (*attached below in italic*)

Conditions and criteria for granting Skip licenses

- *The skip is located in a suitable and agreed position;*
- *The skip is of an agreed type and size;*
- *The skip is of suitable condition and has the owner's name and contact telephone number clearly visible; and*
- *The skip will not cause any danger or nuisance to any users of the highway.*
- *The skip will not be placed in any disabled bay or across any change in footway level to assist the movement of disabled people.*

The licensee will be subjected to the following conditions as part of the licence provision:

- *The skip must be removed from the highway when the licence expires and the area must be left in a clean and tidy condition;*
- *The container shall not exceed 5.0m by 2.0m in area and the longer side is placed parallel to the kerb;*
- *The container shall not be of the roll on roll off type;*
- *The container must not be sited within 10.0m of a;*
 - *Road junction*
 - *Bus stop/ stand or terminal*
 - *Traffic signals (temporary or permanent)*
 - *Pedestrian crossing*
 - *School, hospital or works entrances/exits*
 - *Not placed on double yellow lines*
- *The container must not prevent access to statutory undertakers equipment (manholes);*
- *The container must not be dragged or pushed along the highway or any way that would cause damage to the highway;*
- *The container must not be placed on the footway or verge without additional permission from the council. A deposit will be required to cover any possible damage that may occur;*

Building Materials

Following receipt of an application the location must be pre-inspected in order to check that the applicant's request will not cause any unreasonable obstruction of the public highway.

The location must be photographed from various angles to obtain a definitive record of the condition of the footway and/or carriageway. (Photos must be printed and filed with their applications)

If the application is agreed the licence must be issued by email or post.

If the application is not agreed the client may be contacted via telephone in order to discuss the revised application or if necessary informed that they cannot have a licence.

The applicant must advise in writing that works are complete at which stage a post-inspection is carried out.

If site passes the post-inspection the applicant's details are referred to the Finance Section in order to raise a refund of their deposit.

If the site fails the post-inspection the applicant must be informed in writing of the reason(s). Their deposit must not be refunded and the necessary arrangements must be made in order to repair the damage.

The placing of materials on the public highway must comply with Islington's policy as laid out in the Islington Streets – Assisting Pedestrian Shoppers (*attached below in italic*)

Conditions and criteria for granting a Building Materials licence

A Business or resident may be required to store building materials on the highway. A licence may be granted if the following criteria are met.

- *A satisfactory outcome from a site meeting to agree the position and nature of the storage;*
- *The Council is indemnified against all claims resulting from an incident caused by the materials or its storage;*
- *A deposit to cover any possible damage to the highway is paid in advance. This will be refunded, if after inspection, no damage to the highway is evident.*
- *The materials will not cause any danger or nuisance to any users of the highway.*
- *The materials will not be placed in any disabled bay or across any change in footway level to assist the movement of disabled people.*
- *Not placed on double yellow lines*

The licensee will be subjected to the following conditions as part of the licence provision:

- *The applicant must comply with any direction or reasonable instruction by any authorised officer of the council, in particular with regard to health & safety.*
- *The obstruction must be suitably guarded and during hours of darkness properly lit.*
- *The applicant must pay all reasonable costs to the council if the material has to be removed by the council.*
- *The applicant must not cause damage to the highway, failure to comply will result in the loss of the deposit*

The applicant must notify us of completion and request the return of the deposit. The deposit will be lost if a claim is not made within 3 months of the licence expiry date.

Tables and Chairs

All premises that have tables and chairs on the public highway must have a licence to do so.

An application pack will be sent to the premises and must be filled in and returned with the required attachments.

On receipt of an application, the premises should be inspected; with no changes to the licence a new licence can be issued.

A new application or a change to the existing licence requires measuring the site to ensure that the numbers of table and chairs asked for will allow safe passage for footway users and safe access/ egress from property.

The details must then be put out to public consultation and a licence issued if all the conditions below are satisfied.

The placing of tables and chairs on the public highway must comply with Islington's policy as laid out in the Islington Streets – Assisting Pedestrian Shoppers (*attached below in italic*)

Conditions and criteria for granting application of Tables & Chairs

- *A minimum of 1.8 metres from kerb face or other highway object to the boundary of the designated area is available for safe passage for all footway users.*
- *There is sufficient room to allow safe access/ egress to/from the property with the seating provided;*
- *The licence does not contravene any other act, regulation or bylaw in force;*
- *A satisfactory response from a consultation in the area; and*
- *The applicant is registered/ licensed as premises for the consumption of food or consumption of alcohol.*

The licensee will be subjected to the following conditions as part of the licence provision:

- *The licence will run for a period of 12 calendar months from date of approval.*
- *It may be terminated sooner if the licensee no longer has an interest in the premises.*
- *The amount of furniture and its position is agreed and adhered to*
- *The permission is only valid during the specified hours*
- *The area specified is solely used for the purpose of consuming refreshments*
- *No charge will be levied by the licensee for use of the tables and chairs in the permitted area*
- *The licensee must have an approved insurance policy to the value of no less than £3,000,000 to ensure the council is indemnified against all actions which may be taken as a consequence of the tables and chairs usage*
- *The furniture must be suitable stored off the highway outside of the prescribed hours*
- *The council is exempt for loss theft or damage of the tables and chairs*
- *The furniture must be removed from the highway to allow the highway to be cleaned or maintained by the council (or its contractors), for emergency access for the emergency services or for statutory works promoters (e.g. gas, electricity, water, telecoms) to gain access to their equipment.*
- *Any waste deposited in the licensed area must be removed each day at the licensee's expense. This may need to be more frequent to meet the requirements of the Environmental Protection Act.*
- *The furniture must not be permanently fixed to the highway*
- *There must not be any permanent fences or other means of enclosure of the area.*

- *The furniture permitted under the licence must not be used in such a way as to cause unreasonable nuisance or disturbance of adjoining property or other users of the highway.*
- *The furniture must be kept in the designated area (this may be marked out by a physical feature) and a clear access way of no less than 1.2m is kept clear to allow safe entry into the premises.*



PICTURE A – GUIDELINES FOR A DANGEROUS DEFECT SHOULD BE FOLLOWED



PICTURE B – SITE FAILS SAMPLE A INSPECTION



PICTURE C – CARRIAGEWAY TRENCH OVER 2 YEARS OLD STILL IN INTERIM STATE, DEFECT/ ROUTINE INSPECTION GUIDELINES SHOULD BE FOLLOWED



PICTURE D –
DEFECTIVE
UTILITY PLANT
INVESTIGATORY
GUIDELINES
SHOULD BE
FOLLOWED



PICTURE E –
OVERFILLED
SKIP



PICTURE F – NO
TRAFFIC
MANAGEMENT,
TEMPORARY
TRAFFIC SIGNALS
SHOULD BE IN
USE

7. PUBLIC LIGHTING



7.1 Introduction

Public lighting in Islington is delivered under a 25 year PFI (Private Finance Initiative) arrangement, due to expire in 2028.

They are audited by the Public Lighting service. This service is also responsible for organising the installation of seasonal festive lighting.

7.2 PFI contract

Items covered by the PFI contract:

- street Lighting and Greenspace lighting installations
- wall Mounted Lighting units,
- Internally and externally illuminated traffic signs,
- illuminated traffic bollards,
- belisha beacons,
- illuminated centre island columns,
- school crossing patrol warning lights,
- illuminated advance direction signs,
- variable message signs,
- private cable installations, inspection chambers and feeder pillars to any of the above.

7.3 Normal operating periods for Apparatus:

Apparatus	Lighting up Periods (lux levels refer to ambient lighting levels)
Street Lighting, including Illuminated Centre Island Columns and Greenspace Lighting Installations	On during hours of darkness: on at a minimum lighting level of 70 lux and off at a minimum lighting level of 35 lux (photocell control)
Illuminated Traffic Signs	On during hours of darkness: on at a minimum lighting level of 70 lux and off at a minimum lighting level of 35 lux (photocell control)
Illuminated Bollards	Continuous
Belisha Beacons	Continuous Flashing
Variable Message Signs	On Monday to Friday 1900 to 0700 hours
School Crossing And Patrol Warning Lights	As required by the relevant schools

7.4 Inspections

Our partners, Scottish & Southern Electricity Contractors, SSE operate a fault detection cycle to ensure that all apparatus is directly inspected every 2 weeks after dark to establish whether it is operating correctly or whether it displays any other obvious visual defect. Operatives carry out daylight inspections during normal maintenance activities.

All faults are logged onto a Management Information database.

Faults will occur between inspections and very often residents will report these faults. Council officers may also identify any faults whilst carrying out other activities/inspections on the public highway.

7.5 Identification of Faults

Emergency faults should be reported immediately to SSE for repair. During office hours these reports will be actioned by SSE staff. If the report is made out of hours this will be automatically diverted to SEC's out of hours service who will contact their standby staff,

Non-emergency faults identified within office hours should be reported to the SSE as soon as practicable on the same day. Non-emergency faults identified out of office hours should be reported to SSE as soon as possible on the next working day.

See paragraph 7.10 for contact details.

7.6 Definition of Faults:

An Emergency Fault is:

gives rise to the involvement of the emergency services or creates an immediate risk to public health and/or safety, including without limitation:

- exposure of live electricity cable resulting from damage to apparatus,
- apparatus leaning and/or in danger of collapse,
- missing apparatus access door,
- missing or knocked down illuminated bollard,
- two belisha beacon globes simultaneously out of light or missing at the same pedestrian crossing facility
- Regulatory sign missing or facing wrong way
- is a failure of a school crossing patrol warning sign (other than when schools are not in use for educational or community purposes);

A Non-emergency Fault is:

- any item of apparatus not operating correctly (as detailed above in paragraph 7.3)
- the orientation of a luminaire on any apparatus is more than five degrees outside its designed orientation;
- any graffiti on any street light or illuminated street furniture
- any unauthorised attachments on any street light or illuminated street furniture
- Council attachment or other authorised attachment missing

7.7 Timescales for repair

Emergency Faults:

SSE will attend to all Emergency Faults on site and commence and continue appropriate remedial steps to safeguard health and safety until the fault is fully remedied or rendered a Non-Emergency Fault within the following timescales:

Nature of Emergency Faults	Prescribed Period for Rectification
(a) Failure of a School Crossing Patrol Warning Light	4 hours
(b) All other Emergency Faults	1 hour

Non-emergency faults:

Nature of Non-Emergency Faults	Prescribed Period for Rectification
(a) Non-Emergency Faults involving the replacement of components of Apparatus.	5 Working Days.
(b) Non-Emergency Faults involving the replacement of a complete unit of Apparatus or replacement of a Lighting Point which has a Serious Structural Defect	10 Working Days.
(c) Non-Emergency Faults involving the repair or replacement of any of the Electricity Suppliers' equipment.	25 Working Days.
(d) Non-Emergency Faults requiring the removal of obscene or racist graffiti or any other graffiti which is clearly and obviously offensive, whether affixed to the Apparatus or to an unauthorised attachment on the Apparatus.	1 Working Day
(e) Non-Emergency Faults requiring the removal of all other graffiti and/or unauthorised attachments from Apparatus.	5 Working Days.
(f) Non-Emergency Faults involving rectification where a Bollard is damaged, a Belisha globe or, a sign face missing or turned round.	1 Working Day.

7.8 Trees

Any tree on the public highway which is obscuring a street light lantern, illuminated traffic sign, belisha beacon or school flashing lights should be reported to the Public Lighting section who will request for Greenspace to carry out pruning.

All requests affecting street lights and illuminated street furniture are coordinated by the Public Lighting Section in order to minimise repeat requests and monitor expenditure.

Any private tree which is obscuring a street light lantern, illuminated traffic sign, belisha beacon or school flashing lights should be dealt with in accordance with paragraph 4.9 of the Handbook relating to private trees.

7.9 Festive Lighting

The public lighting section also arrange for the seasonal installation of Festive Lighting.

The contract for installation and maintenance of festive lighting is not part of the PFI arrangements.

Any damage to festive lighting that may present a health and safety hazard must be reported immediately the Public Lighting team. Any lights not working should be reported as soon as practicable the next working day.

7.10 Contact details

Emergency Faults must be reported to SSE by telephone on 0800 5877492 and confirmed by e-mail to Islington@sec.eu.com with a copy to streetlights@islington.gov.uk.

Non-emergency faults should be reported by e-mail to contact@islington.gov.uk with a copy to streetlights@islington.gov.uk.

SSE

Unit 12, Cranford Way Industrial Estate
Hornsey
London N8 7EE
Tel: 0800 587 7492
Fax: 020 83470282
E-mail: Islington@ssecontracting.com

Public Lighting Section:

4th Floor
Municipal Offices
222 Upper Street
London N1 1YA
Tel: 020 7527 2844
Fax: 020 7527 2841
E-mail: streetlights@islington.gov.uk

8. BRIDGE INSPECTIONS



8.1 Introduction

Bridges form a key part of the highway system by nature of their strategic location and because of the consequences when they fail or when their capacity is reduced. Inspection is an essential part of bridge maintenance and must be conducted systematically and not just confined to those occasions when there is a breakdown or failure. The emphasis of all bridge inspection and maintenance is on public safety and prolonging the economic life of the structure.

Note that a 'highway structure' is a structure either over, under or adjacent to a public highway that may at any time be expected to withstand the effects of vehicular and/or pedestrian loading. Bridges therefore fall into the category of highway structures.

There are also a number of structures owned by London Underground Limited, Network Rail, British Waterways and Transport for London. A list of the borough's highway structures is included within the HMIS.

8.2 Inspection

To ensure that these structures are maintained to the highest standard, it is essential that their condition is reviewed and monitored on a regular basis. It is recommended that the Department for Transport's (DfT) standards are adopted for inspection and reporting with the following frequency:

Principal Inspections (PI) - 6 yearly**

General Inspections (GI)	-	2 yearly
Superficial Inspections (SI)	-	Yearly
Special Inspections	-	Ad hoc

** Under certain circumstances this may be extended

It is vital that the right information is collected, stored and used in the correct way. The computerised bridge management system used by Islington and many London boroughs is BridgeStation. Each authority operates a separate installation of BridgeStation and shares their respective data centrally for the purposes of annual funding bids. In the future this record may be stored centrally on a web-based system. This software enables prioritised programmes of work to be produced by each borough and provides additional facilities for the effective management of structures.

8.3 Inspection Types

Principal Inspections – 6 yearly

This level of inspection requires a close examination (within touching distance) of all inspectable parts of the structure, and normally requires access equipment and both destructive and non-destructive testing.

General Inspections – 2 yearly

This consists of a visual inspection of all external parts of the structure. Access equipment may be required in some cases.

Superficial Inspections – Yearly

This type of inspection consists of a cursory check for obvious deficiencies, which might lead to traffic accidents or high maintenance costs.

Special Inspections – Ad hoc

A special inspection may be required for the following reasons:

To investigate a specific problem that has been found.

Structures that are either weight restricted, cast iron or have been subject to impact or fire damage.

Before and after the passage of abnormally heavy loads on a structure that has been proved sub-standard by calculation.

8.4 Reporting

Recording the results of inspections and reporting is carried out with the aid of BridgeStation. Part of this process is the calculation of the Bridge Condition Index for each structure, generally carried out following General Inspection. Bridge Condition Indices must be produced annually based on the condition data and test results collected in any financial year.

A flowchart to illustrate process of highway structure maintenance management is included in Diagram 2 overleaf:

Management of Highway Structure Maintenance

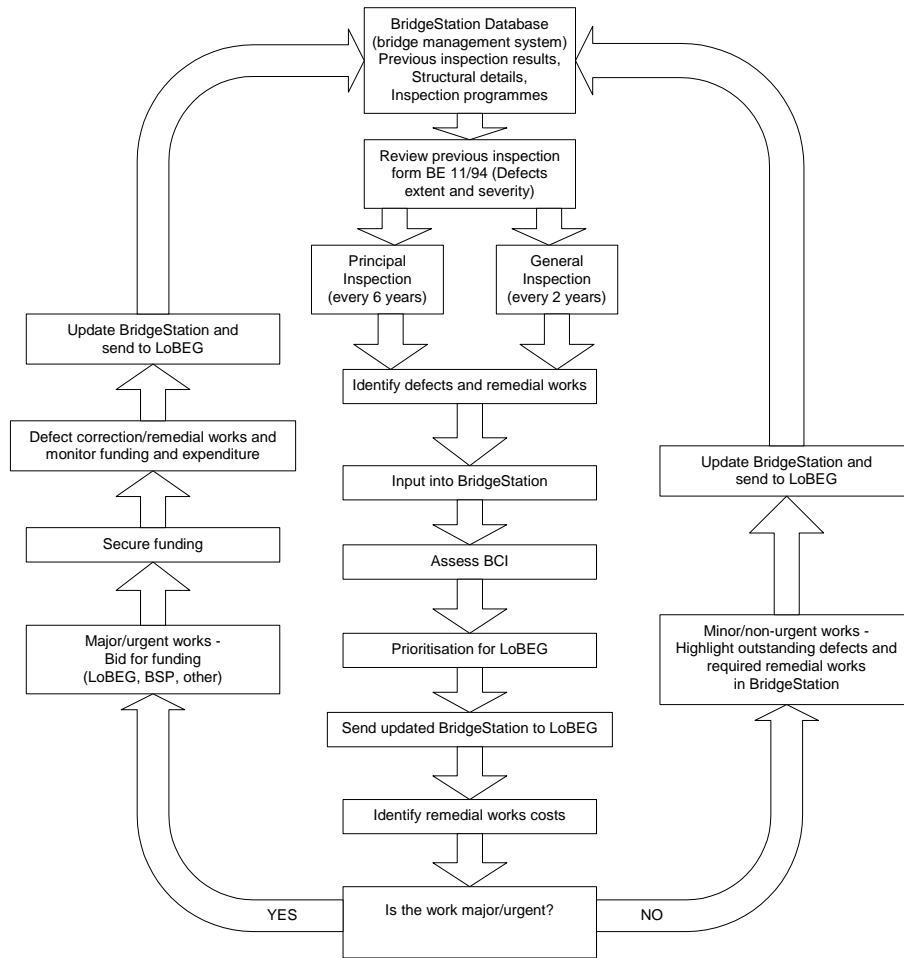


DIAGRAM 2

APPENDIX 1.

Highway Safety Inspections Audit Process
To be read in conjunction with section 4.7

Weekly

Each Monday the Highways Maintenance Manager shall arrange to run a report from Symology showing any outstanding inspections from the previous week. Any outstanding inspections shall be brought to the attention of the relevant Highway Inspector. Outstanding inspections must be completed as a priority. Monthly inspections must take the highest priority as these have the least tolerance in timescale.

Monthly

Each calendar month the Highways Maintenance Manager shall arrange to run a report from Symology to indicate the percentage of inspections carried out within the tolerated timescales as laid down in the Highway Inspector's Handbook.

The aim is to achieve 100% of inspections within the agreed timescale.

Monthly

Each month the Highways Maintenance Manager shall select one road per inspector from the roads completed within the previous week. The manager shall walk the road/section of road with the inspector and validate the data. The manager shall highlight any defects that have been missed by the inspector.

The aim is to achieve on-going improvement in the accuracy, timing and completion of the inspections to ensure the Council minimises the risk of successful liability claims.

APPENDIX 2**CONTACTS**

Name	Contact
CAMDEN	020 7974 4444
CITY	0800 389 5908
ELECTRICITY	0800 028 0247
GAS	0800 111 999
HACKNEY	020 8356 2897
HARINGEY	020 8489 1335
ISLINGTON	020 7527 2000
LONDON TRAFFIC CENTRE (TfL)	0845 850 2621
STREET LIGHTING	0800 5877492
TRAFFIC SIGNALS	020 7126 2378
WATER	0800 714 614

**APPENDIX 3 - HIERARCHIES
SEE THE HIGHWAYS SYSTEM
FOR DEFINITIVE VERSION**

Street	Ward	Length m	Hierarchy
ABERDEEN LANE	Highbury East	203	4b
ABERDEEN PARK	Highbury East	805	4b
ABERDEEN ROAD	Highbury East	403	4a
ADAMS PLACE	Holloway	51	4b
AFFLECK STREET	Barnsbury	24	4b
AGDON STREET	Bunhill	212	4b
AIRDRIE CLOSE	Caledonian	89	4a
ALBANY MEWS	Barnsbury	79	4b
ALBANY PLACE	Highbury West	86	4b
ALBEMARLE WAY	Clerkenwell	77	4b
ALBION MEWS	Barnsbury	78	4b
ALBION PLACE	Clerkenwell	89	4b
ALBION WALK	Caledonian	139	4a
ALBION YARD	Caledonian	88	4b
ALDER MEWS	Junction	34	4a
ALEXANDER ROAD	Tollington	379	4a
ALL SAINTS STREET	Caledonian	173	4b
ALLERTON WALK	Finsbury Park	149	4a
ALLINGHAM MEWS	St Peter's	22	4a
ALLINGHAM STREET	St Peter's	114	4b
ALMEIDA PASSAGE	St Mary's	34	4a
ALMEIDA STREET	St Mary's	151	4b
ALMINGTON STREET	Tollington	214	4b
ALMORAH ROAD	Canonbury	241	4a
ALWYNE LANE	St Mary's	30	4b
ALWYNE PLACE	Canonbury	198	4b
ALWYNE ROAD	Canonbury	343	4b
ALWYNE SQUARE	Canonbury	250	4a
ALWYNE VILLAS	Canonbury	119	4a
AMBLER ROAD	Highbury West	361	4a
AMWELL STREET	Clerkenwell	468	3b
AMY GRIFFITHS COURT	Hillrise	35	4a
ANATOLA ROAD	Junction	74	4a
ANCHOR YARD	Bunhill	27	4b
ANDERSON SQUARE	St Mary's	110	4a
ANDOVER ROAD	Finsbury Park	443	4b
ANGEL GATE	Bunhill	152	4b
ANGEL MEWS	Barnsbury	93	4a
ANGEL SQUARE	St Peter's	81	4b
ANNESLEY WALK	Junction	69	4a
ANNESLEY WALK	Junction	69	4a
ANNETTE CRESCENT	Canonbury	111	4b
ANNETTE ROAD	Finsbury Park	129	4b
ANSON ROAD	St. George's	553	4a
ARAN MEWS	Barnsbury	49	4a
ARCHIBALD ROAD	St. George's	164	4a
ARCHWAY MALL	Junction	291	4b
ARCHWAY ROAD	Hillrise	587	2

Street	Ward	Length m	Hierarchy
ARDILAUN ROAD	Highbury East	118	4a
ARLINGTON AVENUE	St Peter's	281	4b
ARLINGTON SQUARE	St Peter's	225	4a
ARLINGTON WAY	Clerkenwell	187	4a
ARLINGTON WAY	Clerkenwell	187	4a
ARMOUR CLOSE	Caledonian	39	4a
ARTHUR ROAD	Finsbury Park	239	4a
ARUNDEL GROVE	Mildmay	203	4b
ARUNDEL PLACE	Barnsbury	78	4b
ARUNDEL SQUARE	St Mary's	352	4a
ARUNDEL SQUARE	St Mary's	352	4b
ARVON ROAD	Highbury East	224	4a
ASHBROOK ROAD	Hillrise	111	4a
ASHBURTON GROVE	Highbury West	211	4b
ASHBY STREET	Clerkenwell	84	4b
ASHLEY ROAD	Hillrise	362	4a
ASHMOUNT ROAD	Hillrise	201	4b
ASPEN CLOSE	Junction	34	4b
ASSATA MEWS	Highbury East	63	4b
ASSATA MEWS	Highbury East	63	4b
ASTEY'S ROW	Canonbury	0	4b
ATHELSTANE MEWS	Finsbury Park	72	4b
ATLAS MEWS	St Peter's	189	4b
ATTNEAVE STREET	Clerkenwell	79	4b
AUBERT PARK	Highbury East	1	4a
AUBERT ROAD	Highbury West	94	4a
AURIGA MEWS	Mildmay	58	4a
AVENELL ROAD	Highbury West	574	4a
AXMINSTER ROAD	Finsbury Park	436	4a
AYLESBURY STREET	Clerkenwell	202	4b
BAALBEC ROAD	Highbury East	195	4a
BADDOW WALK	St Peter's	152	4a
BAIRD STREET	Bunhill	45	4b
BAKERS FIELD	St. George's	183	4a
BAKER'S ROW	Clerkenwell	127	4b
BAKER'S YARD	Clerkenwell	51	4b
BALDWIN STREET	Bunhill	101	4b
BALDWIN TERRACE	St Peter's	106	4b
BALFE STREET	Caledonian	182	4b
BALFOUR ROAD	Highbury East	429	4a
BALL'S POND PLACE	Canonbury	0	4b
BALL'S POND ROAD	Mildmay	19	2
BALMORAL GROVE	Caledonian	84	4b
BALTIC STREET EAST	Bunhill	104	4b
BALTIC STREET WEST	Bunhill	101	4a
BANNER STREET	Bunhill	359	4b
BARBARA RUDOLF COURT	Hillrise	33	4a
BARBARA RUDOLF COURT	Hillrise	33	4b
BARDOLPH ROAD	St. George's	123	4a
BARFORD STREET	St Mary's	122	4b
BARING STREET	Canonbury	1	4b

Street	Ward	Length m	Hierarchy
BARNFIELD CLOSE	Hillrise	38	4a
BARNSBURY ESTATE	Barnsbury	1213	4b
BARNSBURY GROVE	Barnsbury	77	4b
BARNSBURY PARK	Barnsbury	249	4a
BARNSBURY ROAD	Barnsbury	621	3b
BARNSBURY SQUARE	Barnsbury	341	4a
BARNSBURY STREET	Barnsbury	228	3b
BARNSBURY TERRACE	Barnsbury	128	4b
BARNSTON WALK	St Peter's	63	4a
BARON CLOSE	Barnsbury	61	4b
BARON STREET, PENTONVILLE ROAD TO WHITE LION STREET	Barnsbury	109	2
BARON STREET, WHITE LION STREET TO CHAPEL MARKET	Barnsbury	76	2
BARTHOLOMEW SQUARE	Bunhill	115	4b
BASIRE STREET	St Peter's	253	4a
BASTWICK STREET	Bunhill	231	4a
BATCHELOR STREET	Barnsbury	149	4b
BATH COURT	Clerkenwell	62	4a
BATH STREET	Bunhill	363	3b
BATTISHILL STREET	St Mary's	93	4a
BATTLEDEAN ROAD	Highbury East	219	4a
BAVARIA ROAD	Tollington	230	4a
BAXTER ROAD	Canonbury	154	4a
BEACHCROFT WAY	Hillrise	126	4a
BEACON HILL	Holloway	248	4a
BEAUMONT RISE	Hillrise	183	4a
BEECH TREE CLOSE	Barnsbury	81	4a
BELFONT WALK	Holloway	234	4b
BELITHA VILLAS	Barnsbury	202	4a
BELMORE LANE	St. George's	85	4b
BEMERTON ESTATE	Caledonian	630	4a
BEMERTON STREET	Caledonian	247	4b
BENJAMIN STREET	Clerkenwell	100	4a
BENTHAM COURT	St Peter's	109	4a
BENWELL ROAD	Highbury West	360	3b
BERESFORD ROAD	Mildmay	275	3b
BERESFORD TERRACE	Mildmay	87	4a
BERKELEY WALK	Finsbury Park	71	4a
BERNERS ROAD	St Mary's	87	4a
BERRIMAN ROAD	Finsbury Park	279	4a
BERRY PLACE	Clerkenwell	71	4b
BERRY STREET	Bunhill	167	4b
BESANT WALK	Finsbury Park	76	4a
BEVAN STREET	St Peter's	113	4a
BEVERSBROOK ROAD	Junction	121	4a
BEVIN WAY	Clerkenwell	60	4a
BEWDLEY STREET	Barnsbury	244	4a
BICKERTON ROAD	Junction	318	4b
BIDDESTONE ROAD	Holloway	302	4b
BIGGERSTAFF STREET	Finsbury Park	139	4b
BINGFIELD STREET	Caledonian	292	4a

Street	Ward	Length m	Hierarchy
BINGHAM STREET	Mildmay	113	4a
BIRCH CLOSE	Junction	37	4a
BIRCHMORE WALK	Highbury East	348	4b
BIRNAM ROAD	Finsbury Park	178	4a
BISHOP STREET	St Peter's	133	4a
BISHOP'S CLOSE	Junction	129	4b
BLACKSTOCK MEWS	Highbury West	79	4b
BLACKSTOCK ROAD, RIVERSDALE ROAD TO ROCK STREET	Highbury West	881	2
BLACKSTOCK ROAD, ROCK STREET TO SEVEN SISTERS ROAD	Finsbury Park	0	2
BLAIR CLOSE	Canonbury	0	4a
BLENHEIM COURT	Tollington	85	4a
BLUNDELL STREET	Caledonian	419	4b
BLYTHWOOD ROAD	Hillrise	231	4a
BOADICEA STREET	Caledonian	32	4a
BOLEYN ROAD	Mildmay	248	4a
BOLTON WALK	Finsbury Park	218	4b
BONHILL STREET	Bunhill	142	4a
BOOTHBY ROAD	Junction	83	4b
BOREAS WALK	St Peter's	62	4a
BOULTON PLACE	St Mary's	45	4b
BOULTON PLACE	St Mary's	45	4b
BOVINGDON CLOSE	Junction	135	4a
BOWLING GREEN LANE	Clerkenwell	194	4b
BOWMAN'S MEWS	Finsbury Park	84	4b
BOWMAN'S PLACE	Finsbury Park	41	4b
BOXWORTH GROVE	Barnsbury	37	4b
BRACEY MEWS	Tollington	48	4b
BRACEY STREET	Tollington	173	4b
BRADLEY CLOSE	Caledonian	69	4b
BRADLEY'S CLOSE	Barnsbury	43	4a
BRAES STREET	St Mary's	104	4a
BRAMWELL MEWS	Caledonian	78	4a
BRANDON ROAD	Caledonian	192	4a
BRAVINGTONS WALK	Caledonian	18	4a
BRAYFIELD TERRACE	Barnsbury	102	4b
BRECKNOCK ROAD	St. George's	1185	2
BRECKNOCK ROAD ESTATE	St. George's	168	4a
BREDGAR ROAD	Junction	367	4b
BREWERY ROAD	Caledonian	656	4a
BREWERY SQUARE	Bunhill	58	4a
BREWHOUSE YARD	Bunhill	115	4b
BRIDE STREET	Caledonian	187	4a
BRIDEL MEWS	St Peter's	49	4b
BRIDGEMAN ROAD	Barnsbury	81	4b
BRISSET STREET	Clerkenwell	96	4b
BRISSET WAY	Finsbury Park	306	4a
BRITANNIA ROW	St Mary's	274	4a
BRITTON STREET	Clerkenwell	226	4a
BROAD YARD	Clerkenwell	24	4b
BROMFIELD STREET	St Mary's	108	4a

Street	Ward	Length m	Hierarchy
BROOKSBY MEWS	Barnsbury	114	4b
BROOKSBY STREET	Barnsbury	228	4a
BROOKSIDE PLACE	Junction	103	4b
BROOKSIDE ROAD	Junction	80	4b
BRYANTWOOD ROAD	Highbury West	290	4a
BRYDON WALK	Caledonian	237	4a
BRYETT ROAD	Finsbury Park	94	4a
BUNHILL FIELDS	Bunhill	182	4b
BUNHILL ROW	Bunhill	512	4b
BUNNING WAY	Caledonian	299	4b
BURDER CLOSE	Mildmay	562	4a
BURDER ROAD	Mildmay	35	4a
BURGH STREET	St Peter's	139	4a
BURNARD PLACE	Holloway	58	4b
BURNESS CLOSE	Caledonian	107	4a
BURNESS CLOSE	Caledonian	107	4a
BUXTON ROAD	Hillrise	147	4b
BYWORTH WALK	Hillrise	114	4a
CAEDMON ROAD	Highbury West	120	4a
CAHILL STREET	Bunhill	39	4b
CALABRIA ROAD	Highbury East	459	4a
CALEDONIA STREET	Caledonian	115	4a
CALEDONIAN ROAD	Barnsbury	62	2
CALLABY TERRACE	Canonbury	40	4b
CALSHOT STREET	Barnsbury	383	4a
CALVERLEY GROVE	Hillrise	119	4b
CAMDEN LANE	Holloway	43	4b
CAMDEN PASSAGE	St Mary's	40	4a
CAMDEN ROAD	Holloway	846	2
CAMDEN WALK	St Peter's	24	4a
CAMPBELL WALK	Caledonian	85	4a
CAMPDALE ROAD	Junction	221	4a
CANNING ROAD	Highbury East	237	4a
CANNING ROAD	Highbury East	237	4b
CANON STREET	St Peter's	82	4a
CANONBURY CRESCENT	St Mary's	0	4b
CANONBURY GROVE	Canonbury	229	4b
CANONBURY LANE	St Mary's	133	3b
CANONBURY PARK NORTH	Canonbury	386	3b
CANONBURY PARK SOUTH	Canonbury	384	4a
CANONBURY PLACE	Canonbury	261	3b
CANONBURY ROAD	Canonbury	67	2
CANONBURY SQUARE	Canonbury	0	4b
CANONBURY STREET	Canonbury	198	4a
CANONBURY VILLAS	St Mary's	256	4a
CANONBURY YARD EAST	Canonbury	106	4b
CANONBURY YARD WEST	Canonbury	0	4b
CARDINALS WAY	Hillrise	286	4b
CARDOZO ROAD	Holloway	190	4a
CARDWELL ROAD	St. George's	106	4a
CAREW CLOSE	Finsbury Park	79	4b

Street	Ward	Length m	Hierarchy
CARFREE CLOSE	Barnsbury	54	4a
CARLETON ROAD	St. George's	933	4a
CARNEGIE STREET	Barnsbury	225	4b
CARNOUSTIE DRIVE	Caledonian	227	4b
CARPENTER'S MEWS	Holloway	45	4a
CATHCART HILL	Junction	222	4a
CATHERALL ROAD	Highbury East	205	4a
CAYTON PLACE	Bunhill	107	4b
CAYTON STREET	Bunhill	118	4b
CELIA ROAD	St. George's	116	4b
CENTRAL STREET	Bunhill	695	3b
CENTURION CLOSE	Caledonian	280	4a
CHADWELL STREET	Clerkenwell	138	4a
CHALBURY WALK	Barnsbury	52	4b
CHALFONT ROAD	Holloway	24	4a
CHAMBERS ROAD	Holloway	1	4a
CHANTRY STREET	St Peter's	178	4b
CHAPEL MARKET	Barnsbury	336	4a
CHAPEL PLACE	Barnsbury	20	4b
CHAPEL WAY	Finsbury Park	35	4b
CHAPMAN PLACE	Highbury West	86	4b
CHARLOTTE TERRACE	Barnsbury	179	4b
CHARLTON PLACE	St Peter's	148	4b
CHARTERHOUSE BLDGS	Bunhill	69	4a
CHARTERHOUSE MEWS	Bunhill	80	4b
CHARTERHOUSE SQUARE	Bunhill	222	4b
CHARTERHOUSE STREET	Bunhill	90	4a
CHARTERIS ROAD	Finsbury Park	226	4b
CHATTERTON MEWS	Highbury West	31	4a
CHATTERTON ROAD	Highbury West	241	4a
CHEQUER STREET	Bunhill	169	4a
CHERRY TREE WALK	Bunhill	145	4a
CHEVERTON ROAD	Hillrise	311	4a
CHILLINGWORTH ROAD	Highbury West	0	4b
CHISWELL STREET	Bunhill	389	3b
CHRISTIE COURT	Tollington	34	4a
CHRISTOPHER STREET	Bunhill	59	4b
CHURCH PATH	Highbury East	309	4b
CHURCH ROAD	Mildmay	173	4a
CITIZEN ROAD	Highbury West	342	4a
CITY GARDEN ROW	Bunhill	0	4b
CITY ROAD, ISLINGTON HIGH STREET TO OLD STREET ROUNDABOUT	Bunhill	1652	2
CITY ROAD, SOUTH OF OLD STREET ROUNDABOUT	Bunhill	634	2
CLARE LANE	Canonbury	135	4b
CLAREMONT CLOSE	Clerkenwell	150	4a
CLAREMONT SQUARE	Clerkenwell	295	3b
CLAYTON CRESCENT	Caledonian	78	4b
CLEPHANE ROAD	Canonbury	307	4b
CLERE PLACE	Bunhill	64	4b
CLERE STREET	Bunhill	43	4b

Street	Ward	Length m	Hierarchy
CLERKENWELL CLOSE	Clerkenwell	365	4a
CLERKENWELL GREEN	Clerkenwell	211	4a
CLERKENWELL ROAD	Bunhill	267	2
CLEVELAND ROAD	Canonbury	279	4a
CLIFTON TERRACE	Finsbury Park	149	4b
CLOCKTOWER MEWS	St Peter's	94	4b
CLOCKTOWER PLACE	Holloway	112	4b
CLOUDESLEY PLACE	Barnsbury	188	4b
CLOUDESLEY ROAD	Barnsbury	494	4a
CLOUDESLEY SQUARE	Barnsbury	323	4a
CLOUDESLEY STREET	Barnsbury	169	4a
COACH HOUSE LANE	Highbury West	42	4b
COACHYARD MEWS	Tollington	63	4b
COBBLE LANE	St Mary's	83	4b
COLDBATH SQUARE	Clerkenwell	136	4a
COLEBECK MEWS	St Mary's	72	4b
COLEBROOKE PLACE	St Peter's	111	4b
COLEBROOKE ROW	St Peter's	0	4b
COLEMAN FIELDS	St Peter's	259	4a
COLERIDGE ROAD	Finsbury Park	121	4a
COLLEGE CROSS	Barnsbury	1	4a
COLLIER STREET	Barnsbury	189	4a
COLLINS ROAD	Highbury East	156	4a
COLLINS YARD	St Mary's	58	4b
COMMUNITY LANE	St. George's	113	4b
COMPTON AVENUE	St Mary's	230	4a
COMPTON PASSAGE	Bunhill	79	4a
COMPTON ROAD	Canonbury	168	4a
COMPTON STREET	Bunhill	282	4a
COMPTON TERRACE	St Mary's	277	4b
CONWOOD STREET	Highbury West	229	4b
CONISTONE WAY	Caledonian	491	4a
COOMBS STREET	St Peter's	115	4a
COOPERS YARD	St Mary's	51	4b
COPENHAGEN STREET	Barnsbury	531	3b
COPFORD WALK	St Peter's	63	4a
CORBYN STREET	Tollington	496	4b
CORINNE ROAD	St. George's	361	4a
CORKER WALK	Finsbury Park	318	4a
CORNELIA STREET	Caledonian	217	4b
CORNWALLIS ROAD	Finsbury Park	0	4b
CORNWALLIS SQUARE	Tollington	316	4b
CORPORATION ROW	Clerkenwell	173	4a
CORPORATION STREET	Holloway	607	4b
CORSICA STREET	Highbury East	422	4b
COURT GARDENS	St Mary's	245	4b
COURTAULD ROAD	Hillrise	173	4a
COURTNEY ROAD	Highbury West	49	4a
COWCROSS STREET	Clerkenwell	296	4a
COWDENBEATH PATH	Caledonian	168	4a
COWPER STREET	Bunhill	146	4b
CRANE GROVE	St Mary's	167	4b

Street	Ward	Length m	Hierarchy
CRAWFORD PASSAGE	Clerkenwell	125	4a
CRAYFORD ROAD	St. George's	267	4b
CRESCENT ROW	Bunhill	120	4b
CRESCENT STREET	Caledonian	113	4b
CRESSIDA ROAD	Hillrise	379	4a
CRINAN STREET	Caledonian	153	4b
CRITERION MEWS	Junction	96	4b
CROMARTIE ROAD	Hillrise	127	4a
CROSS STREET	St Mary's	265	4a
CROSSLEY STREET	Holloway	0	4b
CROUCH HILL	Hillrise	373	2
CROWLAND TERRACE	Canonbury	128	4b
CROWLIN WALK	Canonbury	64	4a
CROWLIN WALK	Canonbury	64	4b
CRUICKSHANK STREET	Clerkenwell	107	4a
CUMBERLAND GARDENS	Clerkenwell	62	4b
CUMMING STREET	Barnsbury	125	4a
CUTLERS TERRACE	Mildmay	24	4b
CYNTHIA STREET	Barnsbury	112	4a
CYRUS STREET	Bunhill	191	4a
DABB'S LANE	Clerkenwell	35	4b
DAGMAR PASSAGE	St Mary's	61	4b
DAGMAR TERRACE	St Mary's	183	4b
DAISY DOBBINGS WALK	Hillrise	41	4b
DALLINGTON SQUARE	Bunhill	21	4a
DALLINGTON STREET	Bunhill	160	4a
DALMENY AVENUE	Holloway	1	4a
DALMENY ROAD	Junction	112	4b
DAME STREET	St Peter's	99	4b
DANBURY STREET	St Peter's	254	4a
DARTMOUTH PARK HILL	Junction	1450	4b
DAVENANT ROAD	Tollington	173	4a
DAVEY CLOSE	Caledonian	67	4a
DE BAROWE MEWS	Highbury West	64	4b
DELHI STREET	Caledonian	54	4b
DENGIE WALK	St Peter's	63	4a
DENMARK GROVE	Barnsbury	95	4b
DESPARD ROAD	Junction	151	4a
DEVONIA ROAD	St Peter's	187	4a
DEWEY ROAD	Barnsbury	103	4a
DIBDEN STREET	St Peter's	157	4a
DICKENS MEWS	Clerkenwell	36	4a
DIGNUM STREET	Barnsbury	29	4a
DIGSWELL STREET	Highbury East	0	4a
DINGLEY PLACE	Bunhill	88	4b
DINGLEY ROAD	Bunhill	300	4b
DOCWRA'S BUILDING	Mildmay	119	4b
DOMINGO STREET	Bunhill	59	4a
DOMINION STREET	Bunhill	86	4b
DONEGAL STREET	Barnsbury	213	4a
DOUGLAS ROAD	Canonbury	342	4a
DOVE ROAD	Canonbury	251	4a

Street	Ward	Length m	Hierarchy
DOVE'S YARD	Barnsbury	209	4b
DOWNHAM ROAD	Canonbury	291	4a
DOWREY STREET	Barnsbury	25	4a
DRAPER PLACE	St Mary's	54	4b
DRAYTON PARK	Highbury East	130	3b
DRAYTON PARK MEWS	Highbury East	1	4b
DRESDEN ROAD	Hillrise	307	4b
DUFFERIN AVENUE	Bunhill	56	4a
DUFFERIN STREET	Bunhill	209	4a
DULAS STREET	Tollington	41	4b
DUNCAN STREET	St Peter's	291	4a
DUNCAN TERRACE	St Peter's	329	4b
DUNCOMBE ROAD	Hillrise	190	4a
DUNFORD ROAD	Highbury West	179	4a
DUNMOW WALK	St Peter's	60	4a
DURHAM ROAD	Finsbury Park	430	4a
EAGLE COURT	Clerkenwell	79	4b
EARLSFERRY WAY	Caledonian	2	4a
EARLSTOKE ESTATE	Clerkenwell	13	4a
EARLSTOKE STREET	Clerkenwell	66	4b
EASTON STREET	Clerkenwell	119	4a
EASTWOOD CLOSE	Holloway	51	4a
EATON GROVE	Junction	30	4b
EBURNE ROAD	Finsbury Park	223	4a
ECCLESBOURNE ROAD	Canonbury	251	4a
ECKFORD STREET	Barnsbury	105	4a
EDEN GROVE	Highbury West	0	4b
EDITH CAVELL CLOSE	Hillrise	42	4a
EDITH TURBEVILLE COURT	Hillrise	25	4b
EDWARD SQUARE	Caledonian	42	4a
EDWARD'S COTTAGES	St Mary's	87	4a
EDWARDS MEWS	St Mary's	155	4b
ELDER WALK	St Mary's	57	4a
ELFORT ROAD	Highbury West	286	4a
ELIA MEWS	St Peter's	182	4a
ELIA STREET	St Peter's	208	4a
ELIZABETH AVENUE	Canonbury	419	4a
ELLA ROAD	Hillrise	195	4b
ELLINGTON STREET	St Mary's	242	4b
ELLIOTT'S PLACE	St Peter's	51	4b
ELM CLOSE	Junction	38	4a
ELMORE STREET	Canonbury	409	4a
ELPHINSTONE STREET	Highbury West	68	4b
ELTHORNE ROAD	Junction	294	4a
ELTON PLACE	Mildmay	158	4b
ELWOOD STREET	Highbury East	0	4b
ELYSTAN WALK	Barnsbury	56	4b
EMILY HEARTWELL COURT	Hillrise	85	4a
EMILY PLACE	Highbury West	334	4b
EMPIRE SQUARE	Bunhill	21	4a
EMPIRE YARD	Finsbury Park	87	4b
ENGLEFIELD ROAD	Canonbury	403	4a

Street	Ward	Length m	Hierarchy
EPPING PLACE	Barnsbury	34	4b
EPWORTH STREET	Bunhill	203	4b
ERROL STREET	Bunhill	156	4a
ESSEX ROAD	Canonbury	884	2
EUROPA PLACE	Bunhill	49	4b
EVERILDA STREET	Caledonian	101	4a
EVERLEIGH STREET	Tollington	86	4b
EVERSHOT ROAD	Tollington	384	4a
EWE CLOSE	Holloway	87	4b
EXCHANGE STREET	Bunhill	68	4b
EXMOUTH MARKET	Clerkenwell	194	4b
FAIRBRIDGE ROAD	Hillrise	452	4b
FAIRMEAD ROAD	Finsbury Park	0	4b
FAIRSTEAD WALK	St Peter's	56	4b
FALCONER WALK	Finsbury Park	83	4a
FARADAY CLOSE	Caledonian	66	4a
FARRINGDON LANE	Clerkenwell	173	4a
FARRINGDON ROAD	Clerkenwell	1053	2
FAULKNER'S ALLEY	Clerkenwell	67	4a
FEATHERSTONE STREET	Bunhill	202	4b
FERGUS ROAD	Highbury East	79	4a
FERNSBURY STREET	Clerkenwell	76	4b
FERNTOWER ROAD	Mildmay	324	4a
FERRIBY CLOSE	Barnsbury	67	4a
FIELDWAY CRESCENT	Highbury East	251	4b
FIFE TERRACE	Barnsbury	55	4b
FINSBURY ESTATE	Clerkenwell	133	4a
FINSBURY PAVEMENT	Bunhill	193	2
FINSBURY SQUARE	Bunhill	373	3b
FINSBURY STREET	Bunhill	143	4a
FITZWARREN GARDENS	Hillrise	312	4b
FLEECE WALK	Holloway	33	4a
FLORENCE CANTWELL WALK	Hillrise	151	4a
FLORENCE STREET	St Mary's	227	4a
FLOWERS MEWS	Junction	129	4a
FONTHILL MEWS	Finsbury Park	99	4b
FONTHILL ROAD	Finsbury Park	509	4a
FOREST WAY	Junction	75	4a
FORTNAM ROAD	Junction	0	4b
FORTUNA CLOSE	Caledonian	74	4b
FORTUNE STREET	Bunhill	136	4a
FOUNTAIN MEWS	Highbury East	112	4b
FOWLER ROAD	St Mary's	48	4a
FOX AND KNOT STREET	Bunhill	35	4a
FOXHAM ROAD	Junction	312	4b
FRAMFIELD PASSAGE	Highbury East	37	4a
FRAMFIELD ROAD	Highbury East	126	4a
FRANCIS TERRACE	Junction	77	4b
FRANCIS TERRACE MEWS	Junction	58	4b
FRANCIS WALK	Caledonian	59	4a
FRED WHITE WALK	Holloway	65	4b

Street	Ward	Length m	Hierarchy
FREDERICA STREET	Caledonian	66	4a
FREDERICK'S ROW	Bunhill	49	4b
FREEGROVE ROAD	Holloway	364	4b
FREELING STREET	Caledonian	40	4a
FRIEND STREET	Bunhill	122	4a
FROME STREET	St Peter's	138	4b
FULBROOK MEWS	Junction	38	4a
FULBROOK ROAD	Junction	37	4b
FURLONG ROAD	Highbury East	0	4a
GAINFORD STREET	Barnsbury	37	4a
GALLIA ROAD	Highbury East	61	4a
GALWAY STREET	Bunhill	181	4b
GARD STREET	Bunhill	39	4a
GARNAULT MEWS	Clerkenwell	74	4b
GARNAULT PLACE	Clerkenwell	80	4a
GARRETT STREET	Bunhill	129	4a
GASKIN STREET	St Mary's	152	3b
GATCOMBE ROAD	Junction	146	4a
GATEWAY ARCADE	St Peter's	27	4b
GEARY STREET	Holloway	97	4b
GEE STREET	Bunhill	232	4a
GEORGES ROAD	Holloway	426	4a
GERRARD ROAD	St Peter's	202	4a
GIBSON SQUARE	St Mary's	368	4b
GIESBACH ROAD	Junction	146	4a
GIFFORD STREET	Caledonian	179	4a
GILLESPIE ROAD	Highbury West	615	3b
GIRDLESTONE WALK	Junction	433	4b
GISSING WALK	Barnsbury	157	4a
GLADSMUIR ROAD	Hillrise	241	4a
GLASSHOUSE YARD	Bunhill	168	4b
GLOUCESTER WAY	Clerkenwell	201	4a
GODDARD PLACE	Junction	136	4b
GODSON STREET	Barnsbury	77	4b
GOLDEN LANE	Bunhill	279	4b
GOODINGE CLOSE	Holloway	92	4a
GOODINGE ROAD	Highbury West	56	4a
GOODWIN STREET	Finsbury Park	70	4b
GORDON CLOSE	Junction	64	4b
GOSWELL PLACE	Bunhill	0	4b
GOSWELL ROAD, ST JOHN STREET TO WAKLEY STREET	Bunhill	334	2
GOSWELL ROAD, WAKLEY STREET TO FANN STREET	Bunhill	997	2
GRAHAM STREET	St Peter's	393	4b
GRANARY SQUARE	Barnsbury	36	4a
GRAND JUNCTION WHARF	St Peter's	102	4a
GRANGE GROVE	Canonbury	263	3b
GRANT STREET	Barnsbury	36	4b
GRANTBRIDGE STREET	St Peter's	171	4b
GRANVILLE SQUARE	Clerkenwell	213	4a
GRANVILLE STREET	Clerkenwell	102	4b

Street	Ward	Length m	Hierarchy
GREAT PERCY STREET	Clerkenwell	328	4a
GREAT SUTTON STREET	Bunhill	242	4a
GREATFIELD CLOSE	Junction	61	4a
GREEN LANES	Highbury East	293	2
GREEN TERRACE	Clerkenwell	48	4b
GREENHILL'S RENTS	Clerkenwell	47	4a
GREENHILLS TERRACE	Canonbury	65	4b
GREENMAN STREET	St Mary's	182	4a
GRENVILLE MEWS	Tollington	65	4a
GRENVILLE ROAD	Tollington	248	4b
GRESHAM PLACE	Junction	69	4b
GRESLEY ROAD	Hillrise	161	4a
GROSVENOR AVENUE	Highbury East	7	3b
GROVEDALE ROAD	Junction	53	4b
GULLAND WALK	Canonbury	4	4a
GWYNNE PLACE	Clerkenwell	97	4b
HADRIAN MEWS	Barnsbury	44	4a
HALF MOON CRESCENT	Barnsbury	57	4b
HALIDAY WALK	Canonbury	0	4a
HALL STREET	Bunhill	213	4a
HALLIFORD STREET	Canonbury	403	4a
HALTON CROSS STREET	St Mary's	41	4a
HALTON PLACE	St Peter's	25	4b
HALTON ROAD	St Mary's	452	4a
HAMILTON LANE	Highbury West	70	4b
HAMILTON PARK	Highbury East	0	4a
HAMILTON PARK WEST	Highbury West	178	4a
HAMILTON PLACE	Junction	0	4b
HAMPDEN ROAD	Junction	26	4b
HAMPTON COURT	St Mary's	50	4a
HANBURY MEWS	St Peter's	87	4b
HANDA WALK	Canonbury	175	4a
HANLEY GARDENS	Tollington	93	4b
HANLEY ROAD	Tollington	573	4b
HANMER WALK	Finsbury Park	119	4a
HANNAY LANE	Hillrise	98	4b
HANOVER YARD	St Peter's	70	4b
HARBERTON ROAD	Hillrise	305	4a
HARDWICK STREET	Clerkenwell	142	4a
HARDWICKE MEWS	Clerkenwell	47	4b
HARECOURT ROAD	Canonbury	0	4a
HARFORD MEWS	Junction	1	4a
HARGRAVE PARK	Junction	350	4a
HARGRAVE ROAD	Junction	265	4a
HARTHAM CLOSE	Holloway	105	4b
HARTHAM ROAD	Holloway	391	4a
HARTNOLL STREET	Holloway	93	4b
HARVIST ESTATE	Highbury West	292	4b
HASLAM CLOSE	St Mary's	128	4a
HAT AND MITRE COURT	Bunhill	52	4b
HATCHARD ROAD	Tollington	301	4a
HATLEY ROAD	Finsbury Park	148	4b

Street	Ward	Length m	Hierarchy
HAVELOCK STREET	Caledonian	230	4a
HAVEN MEWS	St Mary's	60	4a
HAVERSTOCK STREET	Bunhill	0	4a
HAWES STREET	St Mary's	166	4a
HAWKWELL WALK	St Peter's	63	4a
HAWTHORNE CLOSE	Mildmay	70	4b
HAYMAN STREET	St Mary's	65	4b
HAYWARD'S PLACE	Clerkenwell	109	4b
HAZEL CLOSE	Junction	32	4a
HAZELLVILLE ROAD	Hillrise	712	4b
HEATHER CLOSE	Finsbury Park	35	4b
HEATHVILLE ROAD	Hillrise	200	4a
HEAVEN TREE CLOSE	Mildmay	173	4a
HEDDINGTON GROVE	Holloway	238	4b
HEDINGHAM CLOSE	St Peter's	65	4a
HEDLEY ROW	Mildmay	55	4a
HELMET ROW	Bunhill	92	4b
HEMINGFORD ROAD	Barnsbury	131	3b
HENFIELD CLOSE	Hillrise	159	4b
HENSHALL STREET	Canonbury	156	4b
HERBAL HILL	Clerkenwell	116	4a
HERCULES PLACE	Finsbury Park	82	4b
HERCULES STREET	Finsbury Park	135	4b
HERCULES YARD	Finsbury Park	48	4b
HERMES STREET	Barnsbury	94	4a
HERMIT STREET	Bunhill	81	4a
HERRICK ROAD	Highbury East	131	4b
HERTSLET ROAD	Finsbury Park	263	4a
HETTY REES COURT	Hillrise	42	4b
HIDES STREET	Holloway	32	4a
HIGHBURY CORNER	Highbury East	83	4a
HIGHBURY CRESCENT	Highbury East	659	4b
HIGHBURY ESTATE	Mildmay	265	4a
HIGHBURY GRANGE	Highbury East	291	4a
HIGHBURY GROVE	Canonbury	0	2
HIGHBURY HILL	Highbury East	31	4a
HIGHBURY MEWS	Highbury East	122	4b
HIGHBURY NEW PARK	Highbury East	868	3b
HIGHBURY PARK	Highbury West	538	2
HIGHBURY PLACE	Highbury East	492	4a
HIGHBURY QUADRANT	Highbury East	957	4a
HIGHBURY STATION ROAD	St Mary's	335	4b
HIGHBURY TERRACE	Highbury East	237	4b
HIGHBURY TERRACE MEWS	Highbury East	272	4b
HIGHGATE HILL, DARTMOUTH PARK HILL TO TOLLHOUSE WAY	Junction	686	3b
HIGHGATE HILL, TOLLHOUSE WAY TO ST JOHN'S WAY	Junction	71	2
HIGHLANDS CLOSE	Hillrise	132	4b
HIGHWOOD ROAD	St. George's	114	4a
HILLDROP CRESCENT	St. George's	487	4b
HILLDROP ESTATE	St. George's	475	4b

Street	Ward	Length m	Hierarchy
HILLDROP LANE	St. George's	159	4b
HILLDROP ROAD	Holloway	0	4a
HILLMARTON ROAD	Holloway	631	2
HILLMARTON TERRACE	Holloway	22	4b
HILLRISE ROAD	Hillrise	194	4b
HOLBROOK CLOSE	Junction	57	4a
HOLBROOKE COURT	St. George's	163	4a
HOLFORD PLACE	Clerkenwell	69	4b
HOLFORD STREET	Clerkenwell	82	4b
HOLFORD YARD	Clerkenwell	70	4b
HOLLAND PASSAGE	St Peter's	42	4a
HOLLAND WALK	Hillrise	368	4a
HOLLOWAY ROAD	Finsbury Park	573	2
HOLLY PARK	Hillrise	79	4b
HOLLY PARK ESTATE	Tollington	215	4b
HOLMCOTE GARDENS	Highbury East	71	4b
HONDURAS STREET	Bunhill	55	4a
HOPE CLOSE	Mildmay	51	4a
HOPPING LANE	Canonbury	91	4b
HORNSEY LANE	Hillrise	1191	3b
HORNSEY RISE	Hillrise	438	2
HORNSEY RISE GARDENS	Hillrise	259	4b
HORNSEY ROAD	Finsbury Park	767	2
HORNSEY STREET	Holloway	141	4a
HORSE YARD	St Mary's	50	4b
HORSELL ROAD	Highbury East	214	4a
HOWARD MEWS	Highbury West	68	4b
HUDDLESTON ROAD	Junction	248	4a
HUGO ROAD	St. George's	164	4a
HULL STREET	Bunhill	66	4a
HULLBRIDGE MEWS	Canonbury	157	4a
HUNGERFORD ROAD	Holloway	659	4a
HUNTINGDON STREET	Caledonian	265	4a
HURLOCK STREET	Highbury East	0	4b
HYDE'S PLACE	St Mary's	37	4b
INGLEBERT STREET	Clerkenwell	91	4a
INGLEBY ROAD	Finsbury Park	39	4a
INWORTH WALK	St Peter's	56	4a
IRONMONGER PASSAGE	Bunhill	79	4b
IRONMONGER ROW	Bunhill	198	4a
IRVING MEWS	Canonbury	94	4b
ISLAY WALK	Canonbury	50	4b
ISLEDON ROAD	Finsbury Park	550	2
ISLINGTON GREEN	St Mary's	259	2
ISLINGTON HIGH STREET, CAMDEN PASSAGE TO BANK OF SCOTLAND	St Peter's	46	3b
ISLINGTON HIGH STREET, PENTONVILLE ROAD TO LIVERPOOL ROAD	St Peter's	57	2
ISLINGTON PARK MEWS	St Mary's	68	4b
ISLINGTON PARK STREET	St Mary's	243	3b
ISLINGTON PLACE	Barnsbury	30	4b
JACK WALKER COURT	Highbury West	95	4b

Street	Ward	Length m	Hierarchy
JACKSON ROAD	Highbury West	271	4a
JAMES COURT	St Peter's	111	4a
JAPAN CRESCENT	Tollington	123	4b
JERUSALEM PASSAGE	Clerkenwell	51	4b
JESSIE BLYTHE LANE	Hillrise	92	4b
JOHN HORNER MEWS	St Peter's	32	4a
JOHN SPENCER SQUARE	Canonbury	181	4b
JOINERS PLACE	Mildmay	18	4b
JOINERS YARD	Caledonian	75	4b
JULIUS NYERERE CLOSE	Caledonian	59	4b
JUNCTION ROAD	Junction	1047	2
JUPITER WAY	Caledonian	162	4b
JUTLAND CLOSE	Tollington	89	4b
KEEN'S YARD	Highbury East	0	4b
KEIGHLEY CLOSE	Holloway	196	4a
KELROSS PASSAGE	Highbury East	77	4a
KELROSS ROAD	Highbury East	370	4a
KELVIN ROAD	Highbury East	358	4a
KEMBER STREET	Caledonian	40	4a
KERWICK CLOSE	Caledonian	73	4a
KEYSTONE CRESCENT	Caledonian	105	4b
KILLICK STREET	Caledonian	384	4b
KING HENRY STREET	Mildmay	162	4b
KING HENRY'S WALK	Mildmay	481	4a
KING SQUARE	Bunhill	121	4a
KING'S CROSS ROAD	Clerkenwell	481	2
KINGS SQUARE ESTATE	Bunhill	448	4a
KINGSBURY ROAD	Mildmay	248	4a
KINGSBURY TERRACE	Mildmay	131	4a
KINGSBURY TERRACE	Mildmay	131	4b
KINGSDOWN ROAD	St. George's	455	4a
KINGSLAND PASSAGE	Hillrise	166	4b
KINGSWAY PLACE	Clerkenwell	183	4b
KINLOCH STREET	Finsbury Park	53	4b
KIVER ROAD	Tollington	347	4b
LACKINGTON STREET	Bunhill	128	4b
LADY MARGARET ROAD	St. George's	249	4a
LAIRS CLOSE	Holloway	28	4a
LAMBERT STREET	Barnsbury	92	4b
LAMB'S BUILDINGS	Bunhill	71	4b
LAMB'S MEWS	St Peter's	51	4b
LAMB'S PASSAGE	Bunhill	221	4a
LAMBTON MEWS	Tollington	33	4a
LAMBTON ROAD	Tollington	246	4a
LANDOR COURT	Mildmay	268	4a
LANDSEER ROAD	Tollington	381	4a
LARCH CLOSE	Junction	37	4a
LAUNDRY LANE	St Peter's	32	4b
LAUREL CLOSE	Junction	31	4b
LAVINA GROVE	Caledonian	115	4b
LAWRENCE PLACE	Caledonian	28	4b
LAYCOCK STREET	Barnsbury	0	4a

Street	Ward	Length m	Hierarchy
LAZAR WALK	Finsbury Park	257	4a
LECONFIELD ROAD	Mildmay	384	4a
LEEDS PLACE	Tollington	94	4b
LEGARD ROAD	Highbury East	0	4a
LEGION CLOSE	Barnsbury	84	4b
LEIGH ROAD	Highbury East	1	4a
LENNOX ROAD	Finsbury Park	441	4b
LENTON TERRACE	Finsbury Park	52	4b
LEO YARD	Bunhill	37	4b
LEONARD STREET	Bunhill	149	4a
LEVER STREET	Bunhill	614	3b
LEVISON WAY	Hillrise	0	4a
LIBERIA ROAD	Highbury East	152	4a
LIDYARD ROAD	Junction	145	4b
LINDEN MEWS	Mildmay	60	4b
LINDEN WALK	Junction	44	4a
LINDSEY MEWS	Canonbury	117	4a
LINTON STREET	St Peter's	281	4a
LISMORE WALK	Canonbury	41	4b
LISTER MEWS	Highbury West	102	4b
LITTLEFIELD CLOSE	Junction	119	4a
LIVERPOOL ROAD	Barnsbury	676	3b
LIZARD STREET	Bunhill	79	4b
LLOYD BAKER STREET	Clerkenwell	301	4a
LLOYD SQUARE	Clerkenwell	216	4a
LLOYD STREET	Clerkenwell	103	4a
LLOYD'S ROW	Clerkenwell	97	4b
LOCKHART CLOSE	Caledonian	62	4b
LOFTING ROAD	Barnsbury	435	4a
LONSDALE PLACE	Barnsbury	91	4b
LONSDALE SQUARE	Barnsbury	279	4a
LORAIN ESTATE	Highbury West	0	4a
LORAIN ROAD	Highbury West	199	4b
LORENZO STREET	Clerkenwell	97	4a
LOUGH ROAD	Holloway	377	4b
LOUISE AUMONIER WALK	Hillrise	50	4a
LOWMAN ROAD	Highbury West	251	4a
LOWTHER ROAD	Holloway	80	4a
LUCERNE ROAD	Highbury West	198	4a
LUDLOW STREET	Bunhill	30	4a
LUNDY WALK	Canonbury	30	4a
LYON STREET	Caledonian	34	4b
LYSANDER GROVE	Hillrise	105	4b
LYSANDER MEWS	Hillrise	65	4b
MACCLESFIELD ROAD	Bunhill	225	4a
MACDONALD ROAD	Junction	152	3b
MACKENZIE ROAD	Caledonian	120	3b
MACREADY PLACE	Holloway	107	4b
MADRAS PLACE	Holloway	1	4b
MAGDALA AVENUE	Junction	329	3b
MAIDEN PLACE	Junction	64	4b
MALDON CLOSE	St Peter's	79	4a

Street	Ward	Length m	Hierarchy
MALLOW STREET	Bunhill	103	4a
MALTA STREET	Bunhill	44	4a
MALVERN TERRACE	Barnsbury	63	4b
MANGER ROAD	Holloway	192	4a
MANNINGFORD CLOSE	Clerkenwell	48	4b
MANOR GARDENS	Finsbury Park	309	4b
MANORFIELD CLOSE	Junction	72	4b
MARGERIE STREET	Clerkenwell	282	4a
MARIE LLOYD GARDENS	Hillrise	42	4b
MARIE STOPES COURT	Hillrise	35	4a
MARKET ROAD	Caledonian	595	3b
MARLBOROUGH ROAD	Junction	1	4b
MARLBOROUGH YARD	Tollington	175	4b
MARQUESS ESTATE	Canonbury	##	4a
MARRIOTT ROAD	Tollington	258	4a
MARTHA'S BUILDINGS	Bunhill	66	4a
MARTINEAU MEWS	Highbury West	81	4b
MARTINEAU ROAD	Highbury West	125	4a
MARY KINGSLEY COURT	Hillrise	46	4b
MARY STREET	St Peter's	116	4a
MARYLAND WALK	St Peter's	85	4a
MASON'S PLACE	Bunhill	238	4b
MASONS YARD	Bunhill	43	4b
MATILDA STREET	Barnsbury	1	4b
MATTHIAS ROAD	Mildmay	357	4b
MAYGOOD STREET	Barnsbury	88	4b
MAYTON STREET	Finsbury Park	262	4b
MEDINA GROVE	Finsbury Park	49	4b
MEDINA ROAD	Finsbury Park	223	4a
MELGUND ROAD	Highbury East	192	4a
MELODY LANE	Highbury East	123	4b
MELVILLE PLACE	St Mary's	113	4b
MELYN CLOSE	St. George's	97	4a
MEMEL COURT	Bunhill	33	4a
MEMEL STREET	Bunhill	59	4b
MERCERS MEWS	St. George's	50	4a
MERCERS ROAD	Finsbury Park	0	4a
MEREDITH STREET	Clerkenwell	81	4a
MERLIN STREET	Clerkenwell	81	4a
MIDDLETON GROVE	Holloway	138	4b
MIDDLETON MEWS	Holloway	81	4a
MILDMAY AVENUE	Mildmay	127	4a
MILDMAY GROVE (NORTH)	Mildmay	515	4b
MILDMAY GROVE (SOUTH)	Mildmay	492	4b
MILDMAY PARK	Mildmay	532	3b
MILDMAY PLACE	Mildmay	42	4b
MILDMAY ROAD	Mildmay	544	4a
MILDMAY STREET	Mildmay	233	4a
MILNER PLACE	St Mary's	159	4b
MILNER SQUARE	St Mary's	230	4a
MILTON PLACE	Holloway	55	4b
MINGARD WALK	Finsbury Park	308	4a

Street	Ward	Length m	Hierarchy
MIRANDA ROAD	Hillrise	204	4a
MIRIAM PRICE COURT	Hillrise	49	4a
MITCHELL STREET	Bunhill	120	4a
MITCHISON ROAD	Canonbury	140	4a
MITFORD ROAD	Finsbury Park	0	4a
MONNERY ROAD	Junction	163	4a
MONSELL ROAD	Highbury West	484	4a
MONTEM STREET	Tollington	67	4b
MOON STREET	St Mary's	127	4a
MOOR LANE	Bunhill	86	4b
MORA STREET	Bunhill	116	4a
MORAY MEWS	Finsbury Park	88	4a
MORAY ROAD	Finsbury Park	482	4b
MORELAND STREET	Bunhill	266	4a
MORGAN ROAD	St Mary's	182	4a
MORIARTY CLOSE	St. George's	152	4b
MORLAND MEWS	Barnsbury	233	4b
MORRIS PLACE	Finsbury Park	94	3b
MORTON ROAD	Canonbury	305	4b
MOUNT MILLS	Bunhill	48	4a
MOUNT PLEASANT	Clerkenwell	137	4a
MOUNT PLEASANT CRESCENT	Tollington	39	3b
MOUNT PLEASANT MEWS	Tollington	68	4a
MOUNT VIEW ROAD	Hillrise	192	4a
MOUNTFORT CRESCENT	Barnsbury	128	4b
MOUNTFORT TERRACE	Barnsbury	80	4b
MOWATT CLOSE	Hillrise	329	4a
MULKERN ROAD	Hillrise	221	4a
MULL WALK	Canonbury	94	4a
MURIEL STREET	Barnsbury	170	4a
MYDELTON PASSAGE	Clerkenwell	176	4a
MYDELTON SQUARE	Clerkenwell	398	4a
MYDELTON STREET	Clerkenwell	267	4a
MYLNE STREET	Clerkenwell	96	4a
NAGS HEAD COURT	Bunhill	35	4b
NAOROJI STREET (FORMERLY INSURANCE STREET)	Clerkenwell	74	4b
NAPIER TERRACE	St Mary's	94	4b
NELSON PASSAGE	Bunhill	63	4a
NELSON PLACE	St Peter's	99	4b
NELSON TERRACE	Bunhill	0	4b
NETHERLEIGH CLOSE	Junction	47	4b
NEW COLLEGE MEWS	St Mary's	36	4b
NEW NORTH ROAD	St Peter's	671	2
NEW ORLEANS WALK	Hillrise	351	4a
NEW RIVER WALK	Canonbury	864	4a
NEW WHARF ROAD	Caledonian	135	4a
NEWCASTLE ROW	Clerkenwell	34	4a
NEWINGTON BARROW WAY	Finsbury Park	528	4a
NEWINGTON GREEN	Mildmay	479	2
NEWINGTON GREEN ROAD	Mildmay	601	2
NICHOLAY ROAD	Hillrise	57	4a

Street	Ward	Length m	Hierarchy
NICHOLLSFIELD WALK	Holloway	54	4a
NOEL ROAD	St Peter's	390	4a
NORMAN STREET	Bunhill	103	4a
NORMANS BUILDINGS	Bunhill	41	4a
NORTH ROAD	Holloway	731	4a
NORTH VIEW PARADE	St. George's	69	4a
NORTHAMPTON GROVE	Mildmay	94	4b
NORTHAMPTON PARK	Mildmay	324	4a
NORTHAMPTON ROAD	Clerkenwell	324	4a
NORTHAMPTON ROW	Clerkenwell	47	4a
NORTHAMPTON SQUARE	Clerkenwell	156	4a
NORTHAMPTON STREET	Canonbury	188	4a
NORTHBURGH STREET	Bunhill	213	4a
NORTHCHURCH ROAD	Canonbury	462	4a
NORTHDOWN STREET	Caledonian	296	4a
NORTHOLME ROAD	Highbury East	325	4a
NORTHWEST PLACE	Barnsbury	31	4b
NUGENT ROAD	Tollington	132	4a
NYTON CLOSE	Hillrise	119	4a
OAKLEY CRESCENT	St Peter's	75	4b
OAKLEY ROAD	Canonbury	334	4a
OCKENDON MEWS	Canonbury	41	4b
OCKENDON ROAD	Canonbury	353	4a
OFFORD ROAD	Barnsbury	436	3b
OFFORD STREET	Caledonian	46	4a
OLD FORGE ROAD	Junction	172	4a
OLD ROYAL FREE PLACE	St Mary's	26	4b
OLD ROYAL FREE SQUARE	St Mary's	184	4b
OLD STABLE MEWS	Highbury East	64	4b
OLD STREET	Bunhill	1371	2
OLIVER'S YARD	Bunhill	100	4b
OMEGA PLACE	Caledonian	44	4b
ORCHARD CLOSE	Canonbury	74	4a
ORLESTON MEWS	St Mary's	124	4b
ORLESTON ROAD	St Mary's	182	4a
ORMOND ROAD	Tollington	256	4a
ORONSAY WALK	Canonbury	115	4b
OUTRAM PLACE	Caledonian	143	4b
OWEN STREET	Bunhill	174	4b
OWEN'S COURT	Bunhill	34	4b
OWEN'S ROW	Bunhill	34	4b
PACKINGTON SQUARE	St Peter's	286	4b
PACKINGTON STREET	St Peter's	300	4a
PAGET STREET	Bunhill	76	4b
PAKEMAN STREET	Finsbury Park	89	4b
PALMER PLACE	Holloway	0	4b
PANMURE CLOSE	Highbury West	89	4b
PAPWORTH GARDENS	Holloway	201	4b
PARADISE PASSAGE	Holloway	186	4b
PARDON STREET	Bunhill	57	4a
PARK PLACE	Canonbury	72	4b
PARKFIELD STREET	St Mary's	58	4b

Street	Ward	Length m	Hierarchy
PARKHURST ROAD	Holloway	380	2
PARKSIDE CRESCENT	Finsbury Park	290	4b
PAROLLES ROAD	Hillrise	177	4b
PARTINGTON CLOSE	Hillrise	155	4b
PASSING ALLEY	Bunhill	0	4b
PATON STREET	Bunhill	67	4b
PAUNTLEY STREET	Hillrise	71	4b
PEABODY SQUARE	St Peter's	231	4b
PEABODY YARD	St Peter's	63	4b
PEAR TREE COURT	Clerkenwell	83	4b
PEAR TREE STREET	Bunhill	245	4b
PECKETT SQUARE	Highbury East	160	4b
PEDLARS WALK	Holloway	142	4b
PEERLESS STREET	Bunhill	199	4b
PELDON WALK	St Peter's	41	4b
PEMBERTON GARDENS	Junction	569	3b
PEMBERTON TERRACE	Junction	170	4b
PEMBROKE AVENUE	Caledonian	72	4a
PEMBROKE STREET	Caledonian	232	4a
PENALLY PLACE	Canonbury	24	4b
PENDERYN WAY	St. George's	258	4b
PENN ROAD	Holloway	454	4b
PENTON GROVE	Barnsbury	44	4b
PENTON RISE	Clerkenwell	226	2
PENTON STREET	Barnsbury	262	3b
PENTONVILLE ROAD	Barnsbury	339	2
PERCIVAL STREET	Bunhill	214	4b
PERCY CIRCUS	Clerkenwell	168	4b
PETER'S LANE	Clerkenwell	80	4b
PETHERTON ROAD	Highbury East	181	4b
PICKARD STREET	Bunhill	102	4b
PICKERING STREET	St Mary's	65	4a
PICKFORD'S WHARF	St Peter's	94	4a
PIERREPOINT ARCADE	St Peter's	29	4b
PIERREPOINT ROW	St Peter's	35	4b
PILGRIMS WAY	Hillrise	300	4b
PINE CLOSE	Junction	33	4b
PINE GROVE	Finsbury Park	48	4b
PINE STREET	Clerkenwell	105	4b
PINKS ROW	Bunhill	12	4b
PIPER CLOSE	Holloway	193	4a
PLATINA STREET	Bunhill	47	4b
PLAYFORD ROAD	Finsbury Park	146	4b
PLEASANT PLACE	St Mary's	136	4b
PLESHEY ROAD	St. George's	174	4a
PLEYDELL ESTATE	Bunhill	212	4b
PLIMSOLL ROAD	Highbury West	528	4b
POETS ROAD	Mildmay	298	4b
POLLARD CLOSE	Holloway	256	4b
POLLARD CLOSE	Holloway	256	4b
POMOJA LANE	Tollington	0	4b

Street	Ward	Length m	Hierarchy
PONDER STREET	Caledonian	21	4b
POOLES PARK	Finsbury Park	50	4b
POPHAM ROAD	St Peter's	162	4b
POPHAM STREET	St Peter's	386	4b
PORTER SQUARE	Tollington	65	4b
POYNINGS ROAD	Junction	171	4b
PRAH ROAD	Highbury West	215	4b
PREBEND STREET	St Peter's	405	4a
PRESIDENT STREET	Bunhill	45	4b
PRICES MEWS	Caledonian	100	4b
PRICE'S YARD	Canonbury	195	4a
PRIDEAUX PLACE	Clerkenwell	101	4b
PRIOR BOLTON STREET	Canonbury	104	4a
PRIORY GREEN ESTATE	Barnsbury	210	4a
PROSPECT PLACE	Holloway	57	4b
PROSPERO ROAD	Hillrise	147	4b
PROVIDENCE PLACE	St Mary's	83	4b
PROVIDENCE ROW	Caledonian	43	4b
PULTENEY TERRACE	Barnsbury	108	4b
PURLEY PLACE	St Mary's	85	4b
PYRLAND ROAD	Mildmay	285	4b
QUEEN MARGARET'S GROVE	Mildmay	279	4b
QUEEN'S HEAD STREET	St Peter's	142	4a
QUEEN'S WALK	Highbury East	215	4b
QUEENSBURY STREET	St Peter's	92	4b
QUEENSLAND PLACE	Highbury West	72	4b
QUEENSLAND ROAD	Highbury West	356	4a
QUEMERFORD ROAD	Holloway	143	4b
QUICK PLACE	St Mary's	42	4b
QUICK STREET	St Peter's	103	4b
QUICK STREET MEWS	St Peter's	50	4b
QUILL STREET	Highbury West	229	4b
RADNOR STREET	Bunhill	214	4b
RAILWAY STREET	Caledonian	113	4b
RALEIGH MEWS	St Peter's	88	4b
RALEIGH MEWS	St Peter's	88	4b
RALEIGH STREET	St Peter's	198	4b
RANDELL'S ROAD	Caledonian	67	4a
RAWRETH WALK	St Peter's	80	4b
RAWSTORNE PLACE	Clerkenwell	41	4b
RAWSTORNE STREET	Bunhill	14	4a
RAY STREET	Clerkenwell	87	4b
RAY STREET BRIDGE	Clerkenwell	51	4a
RAY WALK	Finsbury Park	215	4b
RAYNOR PLACE	St Peter's	85	4b
RECTOR STREET	St Peter's	83	4a
RED COW YARD	Bunhill	18	4b
RED HOUSE SQUARE	St Peter's	50	4b
REDFORD WALK	St Mary's	78	4b
REES STREET	St Peter's	111	4b
REGINA ROAD	Tollington	381	4b
REMINGTON STREET	St Peter's	119	4b

Street	Ward	Length m	Hierarchy
RHEIDOL MEWS	St Peter's	84	4b
RHEIDOL TERRACE	St Peter's	150	4b
RHODES STREET	Holloway	40	4b
RICHMOND AVENUE	Barnsbury	482	4b
RICHMOND CRESCENT	Barnsbury	214	4b
RICHMOND GROVE	St Mary's	167	4b
RICKTHORNE ROAD	Tollington	76	4b
RIDGEWELL CLOSE	St Peter's	43	4b
RINGCROFT STREET	St Mary's	122	4b
RINGCROSS ESTATE	Holloway	118	4b
RINGMER GARDENS	Tollington	95	4b
RIPPLEVALE GROVE	Barnsbury	284	4b
RISINGHILL STREET	Barnsbury	58	4b
RITCHIE STREET	Barnsbury	134	4b
RIVER PLACE	St Mary's	122	4b
RIVER STREET	Clerkenwell	107	4b
RIVERSDALE ROAD	Highbury East	527	4a
RIXON STREET	Finsbury Park	117	4b
ROADS PLACE	Tollington	61	4b
ROBERT'S PLACE	Clerkenwell	34	4b
ROCK STREET	Highbury West	126	2
ROCLIFFE STREET	St Peter's	87	4a
RODEN STREET	Finsbury Park	171	4b
RODNEY STREET	Barnsbury	310	4b
ROLLIT STREET	Highbury West	47	4b
ROMAN WAY	Barnsbury	4	3b
ROMILLY ROAD	Highbury West	297	4b
RONA WALK	Canonbury	77	4b
RONALDS ROAD	Highbury East	460	4a
ROPEMAKER STREET	Bunhill	3	4a
ROSA ALBA MEWS	Highbury East	71	4b
ROSCOE STREET	Bunhill	115	4b
ROSEBERY AVENUE	Bunhill	0	2
ROSEDALE COURT	Highbury West	320	4a
ROSELEIGH AVENUE	Highbury West	116	4b
ROSEMARY GARDENS	Canonbury	606	4b
ROSEMARY STREET	Canonbury	70	4b
ROSOMAN PLACE	Clerkenwell	40	4b
ROSOMAN STREET	Clerkenwell	96	4b
ROTH WALK	Finsbury Park	100	4b
ROTHERFIELD STREET	Canonbury	207	4a
ROTHERY STREET	St Mary's	48	4b
ROWAN WALK	Junction	61	4b
ROWSTOCK GARDENS	Holloway	587	4b
RUFFORD STREET	Caledonian	181	4b
RUMSEY MEWS	Highbury West	34	4b
RUPERT ROAD	Junction	64	4b
RUSSET CRESCENT	Holloway	115	4b
RUTLAND PLACE	Bunhill	41	4b
RYDON STREET	St Peter's	78	4b
RYDSTON CLOSE	Caledonian	73	4b
SABLE STREET	St Mary's	85	4b

Street	Ward	Length m	Hierarchy
SALISBURY WALK	Junction	366	4a
SALTERTON ROAD	Finsbury Park	214	4a
SANDERS WAY	Hillrise	77	4a
SANDERS WAY	Hillrise	77	4b
SANDRIDGE STREET	Junction	73	2
SANS WALK	Clerkenwell	78	4b
SCHOLEFIELD ROAD	Hillrise	131	4b
SCOTSWOOD STREET	Clerkenwell	36	4a
SEAFORTH CRESCENT	Mildmay	173	4b
SEARLE PLACE	Tollington	129	4b
SEBASTIAN STREET	Bunhill	0	4a
SEBBON STREET	St Mary's	161	4b
SEKFORDE STREET	Clerkenwell	272	4b
SELDEN WALK	Finsbury Park	289	4a
SEVEN SISTERS ROAD	Finsbury Park	1304	2
SEWARD STREET	Bunhill	235	4b
SHAFTESBURY ROAD	Hillrise	80	4a
SHALFORD COURT	St Peter's	51	4b
SHEARLING WAY	Holloway	169	4b
SHEEN GROVE	Barnsbury	36	4b
SHELBURNE ROAD	Highbury West	120	4a
SHEPPERTON ROAD	Canonbury	98	4b
SHERINGHAM ROAD	Holloway	214	4b
SHERSTON COURT	Clerkenwell	45	4a
SHILLINGFORD STREET	St Mary's	88	4a
SHREWSBURY COURT	Bunhill	25	4b
SHRUBBERY CLOSE	St Peter's	35	4b
SHUNA WALK	Canonbury	37	4b
SIDINGS MEWS	Finsbury Park	34	4b
SIDNEY GROVE	Bunhill	33	4b
SIX ACRES ESTATE	Finsbury Park	961	4a
SKINNER STREET	Clerkenwell	412	4b
SKOMER WALK	Canonbury	0	4b
SLANEY PLACE	Highbury West	46	4b
SMOKEHOUSE YARD	Bunhill	43	4b
SOLEY MEWS	Clerkenwell	71	4b
SONDERBURG ROAD	Finsbury Park	90	4b
SOPHIA CLOSE	Caledonian	47	4b
SOTHEBY MEWS	Highbury East	35	4b
SOTHEBY ROAD	Highbury East	393	4b
SOUTHCOTE ROAD	St. George's	155	4b
SOUTHERN STREET	Barnsbury	1	4b
SOUTHGATE ROAD	Mildmay	1	4b
SOUTHWOOD SMITH STREET	St Mary's	91	4b
SPAFIELD STREET	Clerkenwell	41	4b
SPARSHOLT ROAD	Tollington	120	4b
SPEARS ROAD	Tollington	250	4a
SPELLBROOK WALK	St Peter's	93	4b
SPENCER PLACE	St Mary's	58	4b
SPENCER STREET	Clerkenwell	269	4b
SPRING GARDENS	Highbury East	0	4b

Street	Ward	Length m	Hierarchy
ST AGNES WELL	Bunhill	39	4a
ST ALBAN'S PLACE	St Mary's	209	4b
ST AUGUSTINE'S PATH	Highbury East	3	4b
ST CLEMENT STREET	Barnsbury	80	4b
ST GEORGE'S AVENUE	St. George's	445	4b
ST HELENA STREET	Clerkenwell	42	4b
ST JAMES WALK	Clerkenwell	165	4a
ST JOHN STREET	Bunhill	275	3b
ST JOHN'S GROVE	Junction	369	2
ST JOHN'S LANE	Clerkenwell	238	4b
ST JOHN'S PATH	Clerkenwell	54	4b
ST JOHN'S PLACE	Clerkenwell	61	4b
ST JOHN'S SQUARE	Clerkenwell	245	4b
ST JOHN'S VILLAS	Junction	267	4b
ST JOHN'S WAY, ARCHWAY ROAD TO HOLLOWAY ROAD	Hillrise	238	2
ST JOHN'S WAY, HAZELLVILLE ROAD TO ARCHWAY ROAD	Hillrise	450	3b
ST JUDE STREET	Mildmay	175	4b
ST LUKE'S CLOSE	Bunhill	88	4b
ST MARY'S GROVE	Canonbury	162	4b
ST MARY'S PATH	St Mary's	61	4a
ST PAUL STREET	St Peter's	379	4b
ST PAUL'S PLACE	Mildmay	180	4b
ST PAUL'S ROAD	Canonbury	637	2
ST PAUL'S SHRUBBERY	Canonbury	1	4a
ST PETER'S STREET	St Mary's	506	4b
ST PETER'S STREET MEWS	St Peter's	58	4b
ST PHILIP'S WAY	St Peter's	94	4b
ST THOMAS'S ROAD, GILLESPIE ROAD TO PRAH ROAD	Highbury West	556	4b
ST THOMAS'S ROAD, PRAH ROAD TO SEVEN SISTERS ROAD	Finsbury Park	0	2
STABLE WALK	Caledonian	29	4b
STACEY STREET	Finsbury Park	357	4b
STANLEY TERRACE	Tollington	124	4b
STANMORE STREET	Caledonian	53	4b
STATION PLACE	Finsbury Park	220	2
STATION ROAD	Junction	561	4a
STAVELEY CLOSE	Holloway	117	4b
STAVORDALE ROAD	Highbury West	212	4b
STEEPLE WALK	St Peter's	107	4a
STEVE BIKO ROAD	Finsbury Park	356	4b
STOCK ORCHARD CRESCENT	Holloway	340	4b
STOCK ORCHARD STREET	Holloway	129	4b
STONEFIELD STREET	Barnsbury	194	4b
STONENEST STREET	Tollington	68	4b
STORY STREET	Caledonian	65	4b
STRADBROKE ROAD	Highbury East	102	4a
STRANRAER WAY	Caledonian	207	4b
STROUD GREEN ROAD	Highbury West	0	2
STUDD STREET	St Mary's	73	4b
STURMER WAY	Holloway	240	4b

Street	Ward	Length m	Hierarchy
SUDELEY STREET	St Peter's	127	4b
SUN STREET	Bunhill	42	4b
SUNNYSIDE ROAD	Hillrise	453	4b
SURR STREET	Holloway	341	4b
SUSSEX CLOSE	Tollington	103	4a
SUSSEX WAY	Finsbury Park	427	4b
SUTTERTON STREET	Caledonian	114	4b
SUTTON DWELLINGS	St Mary's	200	4a
SUTTON LANE	Bunhill	45	4b
SUTTONS WAY	Bunhill	81	4b
SWAN YARD	St Mary's	74	4b
SYCAMORE STREET	Bunhill	59	4a
TABERNACLE STREET	Bunhill	390	4b
TABLEY ROAD	St. George's	262	4b
TANNINGTON TERRACE	Highbury West	174	4b
TANSLEY CLOSE	St. George's	46	4b
TARANSAY WALK	Canonbury	78	4b
TAVERNER SQUARE	Highbury East	86	4a
TAVISTOCK TERRACE	St. George's	270	4b
TAYPORT CLOSE	Caledonian	47	4a
TERLING WALK	St Peter's	45	4b
TERRETT'S PLACE	St Mary's	30	4b
TETBURY PLACE	St Mary's	38	4b
THANE VILLAS	Finsbury Park	282	4b
THANE WORKS	Finsbury Park	157	4a
THE COURTYARD	Barnsbury	44	4b
THE DRIVE	Caledonian	203	2
THE MALL	St Peter's	58	4b
THE MEWS	St Peter's	40	4b
THE PRECINCT N1	St Peter's	83	4b
THE PRECINCT N5	Highbury East	58	4b
THEBERTON STREET	St Mary's	283	4b
THESEUS WALK	St Peter's	81	4b
THISTLEWOOD CLOSE	Finsbury Park	77	4a
THORNBURY SQUARE	Junction	56	4b
THORNDIKE ROAD	Canonbury	105	4b
THORNHILL BRIDGE WHARF	Caledonian	163	4a
THORNHILL CRESCENT	Caledonian	181	4b
THORNHILL GROVE	Barnsbury	55	4b
THORNHILL ROAD	Barnsbury	593	3b
THORNHILL SQUARE	Caledonian	365	4b
THORPEDALE ROAD	Tollington	512	4b
TIBBERTON SQUARE	St Peter's	142	4b
TIBER GARDENS	Caledonian	478	4b
TILEYARD ROAD	Caledonian	300	4b
TILLOCH STREET	Caledonian	40	4b
TILNEY COURT	Bunhill	49	4a
TILNEY GARDENS	Canonbury	115	4b
TIMBER STREET	Bunhill	57	4a
TINNISWOOD CLOSE	Highbury East	52	4b
TODDS WALK	Finsbury Park	369	4b

Street	Ward	Length m	Hierarchy
TOLLHOUSE WAY	Junction	79	2
TOLLINGTON PARK	Finsbury Park	36	3b
TOLLINGTON PLACE	Finsbury Park	92	4b
TOLLINGTON ROAD	Finsbury Park	455	2
TOLLINGTON WAY	Finsbury Park	257	4b
TOLPUDDLE STREET	Barnsbury	316	3b
TOMLINS WALK	Finsbury Park	74	4a
TOMPION STREET	Clerkenwell	192	4a
TOPHAM STREET	Clerkenwell	50	4b
TORRENS STREET	St Peter's	97	4b
TRAVERS ROAD	Finsbury Park	90	4b
TREATY STREET	Caledonian	182	4a
TRECASTLE WAY	St. George's	109	4b
TREFIL WALK	Holloway	335	4a
TREMLETT GROVE	Junction	297	4b
TREMLETT GROVE ESTATE	Junction	296	4b
TREMLETT MEWS	Junction	31	4b
TRESSELL CLOSE	St Mary's	51	4b
TRINDER GARDENS	Tollington	32	4b
TRINDER ROAD	Tollington	233	4a
TUFNELL PARK ROAD	Finsbury Park	5	3b
TURK'S HEAD YARD	Clerkenwell	85	4b
TURLE ROAD	Tollington	138	4b
TURLEWRAY CLOSE	Tollington	118	4b
TURNMILL STREET	Clerkenwell	306	4b
TURPIN WAY	Hillrise	0	4a
TWYFORD STREET	Caledonian	168	4b
TYNDALE LANE	St Mary's	69	4b
TYNDALE TERRACE	St Mary's	66	4b
TYSOE STREET	Clerkenwell	141	4b
TYTHERTON ROAD	Junction	286	4b
UNION SQUARE	St Peter's	86	4b
UNION WHARF	St Peter's	95	4b
UPPER BARDSEY WALK	Canonbury	83	4b
UPPER CALDY WALK	Canonbury	159	4a
UPPER DENGIE WALK	St Peter's	63	4b
UPPER HANDA WALK	Canonbury	73	4b
UPPER HAWKWELL WALK	St Peter's	63	4b
UPPER LISMORE WALK	Canonbury	56	4a
UPPER RAMSEY WALK	Canonbury	56	4b
UPPER RAWRETH WALK	St Peter's	71	4b
UPPER STREET	Barnsbury	49	2
VALE ROW	Highbury West	39	4b
VALE ROYAL	Caledonian	179	4b
VARNISHERS YARD	Caledonian	70	4b
VERNON RISE	Clerkenwell	100	4b
VERNON SQUARE	Clerkenwell	61	4b
VIBART WALK	Caledonian	69	4b
VICARAGE PATH	Hillrise	155	4b
VINCENT PARADE	Tollington	50	4a
VINCENT TERRACE	St Peter's	206	4b

Street	Ward	Length m	Hierarchy
VINE STREET BRIDGE	Clerkenwell	84	4b
VINEYARD WALK	Clerkenwell	56	4b
VIVIAN COMMA CLOSE	Highbury West	0	4b
VORLEY ROAD	Junction	159	3b
VULCAN WAY	Caledonian	186	4b
WAKEHAM STREET	Canonbury	101	4b
WAKLEY STREET	Bunhill	131	2
WALL STREET	Canonbury	74	4a
WALLACE ROAD	Mildmay	321	4b
WALNEY WALK	Canonbury	66	4b
WARD ROAD	Junction	127	4b
WARLTERS CLOSE	Holloway	120	4b
WARLTERS ROAD	Holloway	219	4a
WARLTERSVILLE ROAD	Hillrise	275	4b
WARNER STREET	Clerkenwell	221	4b
WARRENDER ROAD	Junction	167	4b
WARWICK YARD	Bunhill	18	4b
WATER TOWER PLACE	St Mary's	57	4b
WATERLOO TERRACE	St Mary's	118	4b
WATERLOW ROAD	Junction	206	4b
WATKINSON ROAD	Holloway	157	4b
WEDMORE GARDENS	Junction	264	4b
WEDMORE MEWS	Junction	62	4b
WEDMORE STREET	Junction	218	4a
WELLINGTON MEWS	Caledonian	181	4b
WELLS TERRACE	Finsbury Park	142	4a
WELLS YARD SOUTH	Holloway	45	4b
WESLEY CLOSE	Finsbury Park	79	4a
WESTACOTT CLOSE	Hillrise	152	4b
WESTBOURNE ROAD	Barnsbury	80	3b
WESTERDALE COURT	Highbury West	78	4b
WESTON RISE	Barnsbury	3	4b
WESTON RISE ESTATE	Clerkenwell	89	4a
WHADCOAT STREET	Finsbury Park	21	4b
WHARF ROAD	Bunhill	0	4b
WHARFDALE ROAD	Caledonian	285	2
WHARTON COTTAGES	Clerkenwell	58	4a
WHARTON STREET	Clerkenwell	251	4b
WHEELER GARDENS	Caledonian	0	4b
WHEELWRIGHT STREET	Caledonian	254	4b
WHEWELL ROAD	Tollington	114	4b
WHISKIN STREET	Clerkenwell	97	4a
WHISTLER STREET	Highbury East	305	4b
WHITBY COURT	Holloway	0	4b
WHITE CONDUIT STREET	Barnsbury	35	4a
WHITE HORSE ALLEY	Clerkenwell	20	4b
WHITE LION STREET, PENTON STREET TO BARON STREET	Barnsbury	364	4a
WHITCROSS STREET	Bunhill	397	4b
WHITEHALL PARK	Hillrise	570	4a
WIDDENHAM ROAD	Holloway	220	4a
WILLIAMSON STREET	Holloway	146	4b

Street	Ward	Length m	Hierarchy
WILLOW BRIDGE ROAD	Canonbury	206	4a
WILMINGTON SQUARE	Clerkenwell	104	4b
WILMINGTON STREET	Clerkenwell	112	4a
WILTON SQUARE	St Peter's	253	4b
WILTON VILLAS	St Peter's	53	4b
WINDERMERE ROAD	Junction	74	4a
WINDSOR ROAD	Finsbury Park	363	4b
WINDSOR STREET	St Peter's	135	4a
WINTER'S MEWS	Bunhill	23	4b
WITHERINGTON ROAD	Highbury East	225	4b
WITHERS PLACE	Bunhill	30	4b
WITLEY ROAD	Junction	75	4b
WOLSEY ROAD	Mildmay	187	4b
WONTNER CLOSE	St Peter's	78	4a
WOODBIDGE CLOSE	Finsbury Park	76	4b
WOODBIDGE STREET	Clerkenwell	234	4b
WOODFALL ROAD	Finsbury Park	120	4a
WOODVILLE ROAD	Mildmay	153	4b
WORSHIP STREET	Bunhill	172	4b
WRAY CRESCENT	Tollington	250	4b
WYATT ROAD	Highbury East	179	4a
WYCLIF STREET	Clerkenwell	85	4b
WYCOMBE MEWS	Finsbury Park	20	4b
WYNDHAM CRESCENT	Junction	144	4b
WYNFORD ROAD	Barnsbury	354	4b
WYNYATT STREET	Clerkenwell	169	4a
YARDLEY STREET	Clerkenwell	125	4a
YEATE STREET	Canonbury	107	4a
YERBURY ROAD	Junction	140	4a
YOKE CLOSE	Holloway	66	4a
YONGE PARK	Finsbury Park	168	4a
YORK WAY	Holloway	487	2
ZOFFANY STREET	Hillrise	75	4b

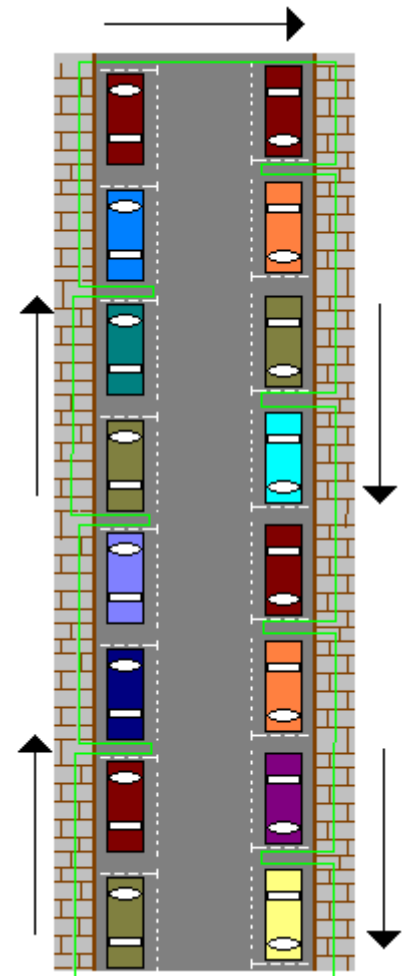
Appendix 4 Inspection Method

1. Inspection Techniques

- 1.1 Inspections should be carried out using any of the procedures set out below.
- 1.2 Inspectors are expected to select the appropriate procedure to suit the characteristics of the street.
- 1.3 A situation may require an inspection to branch off into a side road, using the same inspection regime and re-join the main route to continue the inspection for that road.

2. Single Inspector

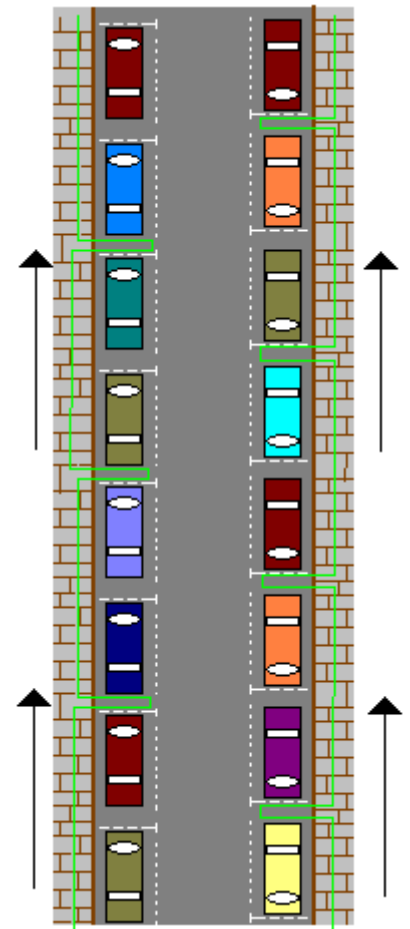
- 2.1 An Inspector will start their inspection on one side of the footway at one end of the street as illustrated in Cartoon 1.
- 2.2 They will:
 - walk the whole length of the street inspecting and logging all defects
 - the footway on one side and half of the carriageway into the centre line is inspected
 - defects are recorded on the on the hand-held device
 - all defects will be marked with a white spray paint to clearly identify them for the repair
 - carriageway inspections will be undertaken by walking between parked cars approximately every 5 to 6 meters/or every two bays in length – looking left and right and across to the other side before returning to the footway. They will walk the same route back onto the footway as taken to inspect the carriageway to ensure no defects are missed.
 - On the returning across the carriageway the inspector will repeatedly look behind to ensure nothing has been missed or shows a different appearance from a different position
- 2.3 Once back onto the pavement, the inspector will repeatedly look back before continuing on his way. Once at the end of the street the inspector will cross over and repeat the process on the other side.



Cartoon 1 - A Single Inspector route

3. Two Inspectors

- 3.1 Two inspectors carry out their inspections on either side of the street repeating the same process as a single inspector at the same time using one hand held device.
- 3.2 A Joint inspection with inspectors on either side of street is carried out exactly in the same way as a single inspector but with only one inspector using the hand held device.
- 3.3 The system does not allow two devices in one street working at the same time**.
- 3.4 Before the inspection starts a note is recorded on the hand held device as an observation, that two inspectors are present and the name of the other inspector.
- 3.5 Both inspectors will start their inspection on either side of the footway at one end of the street. Each Inspector will start their inspection on one side of the footway at one end of the street as illustrated in Cartoon 2.
- 3.6 They will:
 - walk the whole length of the street inspecting and logging all defects
 - the footway on one side and half of the carriageway into the centre line is inspected
 - defects are recorded on the on the hand-held device
 - all defects will be marked with a white spray paint to clearly identify them for the repair
 - carriageway inspections will be undertaken by walking between parked cars approximately every 5 to 6 meters/or every two bays in length – looking left and right and across to the other side before returning to the footway. They will walk the same route back onto the footway as taken to inspect the carriageway to ensure no defects are missed.
 - On the returning across the carriageway the inspector will repeatedly look behind to ensure nothing has been missed or shows a different appearance from a different position
- 3.7 Once back onto the pavement, the inspector will repeatedly look back before continuing on his way. Once at the end of the street the inspector will cross over and repeat the process on the other side.
- 3.8 The person holding the device will be the person who is logged into the system and who will be responsible for recording all the defects for repair or make safe.
- 3.9 The other inspector will be verbally relaying the information at the time the defect is found.



Cartoon 2 - A Two Inspector route

- 3.10 Both inspectors will stop and communicate either across the street or the inspector without the handheld device will walk over to the other so that information is logged as the defect is found.
- 3.11 This inspector will use the same route back to the exact location where they originally found the defect. The inspection again will continue as detailed above

*** technology conflicts do not allow multiple data for one street to be entered into the system at the same time*

4 Joint Inspection

- 4.1 On wider roads and where appropriate, two inspectors may inspect jointly on the same footway, with one inspector looking at footway and logging information and other inspector looking at both footway and carriageway to the centre of the carriageway.
- 4.2 A Joint inspection with inspectors on the same side is carried out with one inspector holding the handheld device and inspecting the footway only and the other inspecting exactly in the same way as a single inspector.
- 4.3 Both inspectors will be inspecting the same area at the same time.
- 4.4 Before the inspection starts a note is logged under observations that two inspectors are present and the name of the other inspector.
- 4.5 Both inspectors will start their inspection on the footway at one end of the street or at the section when the street is split.

5 Photography

- 5.1 Photo images are not part of the routine inspection process.
- 5.2 Inspectors should be prepared to take photographs in certain situations, such as:
- where extensive or exceptional repairs are called for;
 - where there is significant vehicle or tree root damage and
 - where the images will help to explain situations or assist in planning remedial works.
- 5.3 Images should be stored using the location as the first part of the title to assist storage and recovery.