

POTENTIAL OPTIONS FOR SMALL SCALE HIGHWAYS AND ENVIRONMENT IMPROVEMENTS

This is not an exhaustive list and all requests will be considered on an individual basis

All costs stated are for guidance only and will be subject to a site survey assessment
(unit costs are based on current market values)

Parking

Bollards



To prevent cars parking on footways and verges, physical measures can be used such as bollards which can act as an obstruction to avoid cars being able to park.

The cost will be dependent on the size and number of bollards required.

Each bollard costs approximately £250 - £500.

Included in the cost:

Resources	LHO – 2/3-person team/7.5t lorry, breaker, compactor, tools etc.
Materials	Bollard, concrete, slabs, bedding, tarmac, etc.
Duration	Length of time on site, possible 2 nd visit required for reinstatement
Mobilisation	Time & cost of travel time to and from site
Accessibility	Parked cars and heavy pedestrian usage
Notifications	Communications i.e. customer information leaflets
Permit Requirements	Any special network requirements
Traffic Management	By operatives or dedicated Traffic Management team
Utility conflicts	Conflicts and safety if excavation is required
Other cost	Design, supervision, and administration
Materials availability	Special bollards if required

Dropped kerbs



Pedestrian dropped kerbs can be considered on their own, or as part of a scheme with tactile paving.


£100 per dropped kerb.

£4,000 would cover the cost of 2 sections of dropped kerb each other and tactile paving.

Included in the cost:

Resources	LHO 2/3 person team, JCB 3CX, 7.5t lorry, breaker, compactor, tools, tippers/grab lorries for disposal of excavated material
Materials	Kerbs, concrete, sub-base, slabs, bedding, tarmac, etc.
Duration	Length of time on site, possible 2 nd visit required for reinstatement
Mobilisation	Time & cost of travel time to and from site
Accessibility	Parked cars and heavy pedestrian usage and access to properties
Notifications	Communications i.e. customer information leaflets
Permit Requirements	Any special network requirements
Traffic Management	By operatives or dedicated Traffic Management team
Utility conflicts	Conflicts and safety if excavation is required
Other cost	Design (standard or heavy duty), supervision and administration
Materials availability	Special kerb types if required

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Refreshing of lines		<p>The fund can be used to refresh lining, but this is included in our programme of works.</p>	<p>An LCC road marking gang can cost up to £3,000 per day dependant on what lines they are putting down (machine laid or hand laid) and what traffic management is required.</p>
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Included in the cost:



Resources	Externally provided road markings crew and traffic management team provided under contract from WJ South Limited
Materials	Costs are included within contract rates
Duration	Costs are included within contract rates and assume sufficient work will be allocated daily. N.B. minimum charges could be applicable to ad hoc work - i.e. not done in conjunction with planned maintenance
Mobilisation	Costs are included within contract rates
Accessibility	Parked cars
Notifications	Communications i.e. customer information leaflets
Permit Requirements	Any special network requirements
Traffic Management	costs are included within contract rates...
Utility conflicts	Conflicts and safety if excavation is required
Other cost	Supervision and administration
Materials availability	Special colours if required

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Traffic Calming			
Vehicle activated signs (VAS) – flashing speed signs		<p>VAS are intended to supplement rather than replace the traditional signs and lines and are aimed at addressing specific road safety problems.</p> <p>A VAS should be used strategically where they will have the maximum effect.</p>	<p>A VAS can be purchased for approx. £5,000 -6,000.</p> <p>£10,000 – £15,000 will cover the VAS, traffic management and its life cycle.</p> <p>All dependent on assessment.</p> <p>The on-going maintenance will need to be the responsibility of a Third Party.</p>
Mobile activated signs (MVAS)		<p>MVAS cannot be added to a street lighting column without the column being tested. The cost of the testing or a new post will need to be factored in.</p> <p>Please refer to electrical testing section for further info.</p>	<p>Each MVAS would cost around £2000- £3000, subject to the type and location of the sign.</p> <p>The on-going maintenance will need to be the responsibility of a Third Party.</p>
Carriageway roundel		<p>Carriageway roundels can be used as a repeater for 20, 40 and 50mph speed limits.</p>	<p>Carriageway roundels cost approximately £200 dependent on size and speed limit.</p>
Included in the cost:			
Resources	Externally provided road markings crew and traffic management team provided under contract from WJ South Limited 2-way single control of traffic may be required		
Materials	Costs are included within contract rates		
Duration	Costs are included within contract rates and assume sufficient work will be allocated on a daily basis. N.B. minimum charges could be applicable to ad hoc work - i.e. not done in conjunction with planned maintenance		
Mobilisation	Costs are included within contract rates		
Accessibility	Parked cars		
Notifications	Communications i.e. customer information leaflets		
Permit Requirements	Any special network requirements		
Traffic Management	costs are included within contract rates...		
Utility conflicts	Conflicts and safety if excavation is required		
Other cost	Supervision and administration		
Materials availability	Special colours if required		

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Transverse bar markings (rumble strips)		The appearance and feel of the rumble strips are intended to cause drivers to reduce their speed. They are effective against accidents associated with excessive speeding.	The cost of rumble strips would be approximately £3,000.
Included in the cost:			
Resources	Externally provided road markings crew and traffic management team provided under contract from WJ South Limited 2-way single control of traffic may be required		
Materials	Costs are included within contract rates		
Duration	Costs are included within contract rates and assume sufficient work will be allocated on a daily basis. N.B. minimum charges could be applicable to ad hoc work - i.e. not done in conjunction with planned maintenance		
Mobilisation	Costs are included within contract rates		
Accessibility	Parked cars		
Notifications	Communications i.e. customer information leaflets		
Permit Requirements	Any special network requirements		
Traffic Management	costs are included within contract rates...		
Utility conflicts	Conflicts and safety if excavation is required		
Other cost	Supervision and administration		
Materials availability	Special colours if required		
Village gateway		Village gateways are usually found on the approaches to built up areas and encourage motorists to slow down when entering a village.	Village gateways cost approximately £10,000 – £12,000. Dragons teeth on their own cost in the region of £1,000.
Included in the cost:			
Depending on the type of gateway this could include a combination of the following items from this list - e.g. Bollards, Dropped Kerbs, Refreshing of lining, Carriageway Roundels, Transverse bar markings & Traffic Regulation Orders.			
Resources	LHO 2/3 person team, JCB 3CX, 7.5t lorry, breaker, compactor, tools, tippers/grab lorries for disposal of excavated material Could also require - carriageway patching team (sub-contract), drainage adjustments to suit build outs, new signage, detailed design/layout		
Materials	Kerbs, concrete, sub-base, slabs, bedding, tarmac, etc		
Duration	Length of time on site, possible 2 nd visit required for reinstatement		
Mobilisation	Time & cost of travel time to and from site		
Accessibility	Parked cars and heavy pedestrian usage and access to properties		
Notifications	Communications and consultations i.e. customer information leaflets		
Permit Requirements	Any special network requirements		
Traffic Management	By operatives or dedicated Traffic Management team		
Utility conflicts	Conflicts and safety if excavation is required or possible utility diversions		
Other cost	Design, supervision, and administration		
Materials availability	Special gate types if required		

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Traffic Regulation Order (TRO)

TROs include waiting restrictions, speed limits, one-way streets, prohibition of vehicles, weight limits and residents preference parking schemes.

These types of traffic management require a legal process of consultation including advertisement which must be undertaken so that the views of all interested parties and the needs of different users can be taken into consideration.

A standard TRO costs £7,500.

For more complicated or larger schemes the fee could be higher. The fee is charged per type of TRO (parking, speed, weight etc) for example if you had a speed limit change and new double yellow lines this would total £15,000 as would count as two separate types of TRO

Included in the cost:

Site Visits, drawing Up plans, preparing schedules

Pre Consultation with Members, Districts, Parishes, Emergency Services and internal stakeholders

Preparation, submission and undertaking of legal requirements, including drawing up the order, advertising, writing to stakeholders, responding to objections and related correspondence.

Obtaining delegated powers to implement the scheme.

Implementation of scheme, including NRSWA licences, traffic management, lining and signing.

Environment**Edging back of overgrown vegetation**

Undertaking edging back works of overgrown vegetation.

Overgrown vegetation is often not owned or managed by LCC Highways. There is a legal process to follow before LCC can cut back.


Edging back refers to removing grass verge that has grown over the footway.

Cost will depend on type of vegetation being cut. Ranging from £60 per hour for a two - operative gang with strimmers, hedge trimmers. A tractor mounted hedge cutter would more. Traffic management and permit costs would also need to be included.

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Tree Planting plan		<p>The fund can be used to plant tree(s).</p> <p>Type of tree and proposed location would be subject to checks and site suitability Tree Management Strategy</p> <p>Trees provide a wide range of environmental, economic and social benefits to the community.</p>	<p>Each tree would cost approximately £350 which would cover the tree coming an LCC asset and would be maintained as such.</p>
Sign cleaning		<p>The fund can be used for parishes/communities to employ a contractor to undertake this work.</p> <p>LCC have a programme of sign washing.</p> <p>LCC would providing guidance on health and safety for Parishes carrying out this task.</p>	<p>LCC sign washing gang costs £270 per day.</p> <p>Traffic management costs will need to be factored into these costs.</p>


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Ditch cleaning		<p>Initial clearing could be carried out by LCC for health & safety reasons. Owners of the adjacent land are responsible for maintaining the ditch.</p> <p>The fund could be used to cover the cost of the ditch clearing by the riparian landowner.</p>	The cost would be dependent on assessment.
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Included in the cost:





Resources	LHO 2/3 person team, JCB 3CX, 7.5t lorry, tippers/grab lorries for disposal of excavated material
Materials	None
Duration	Dependant on scale of works, travel time, distance to suitable tip for excavated material
Mobilisation	Time & cost of travel time to and from site
Accessibility	Permits may be required depending on traffic management
Notifications	Owner of ditch and adjacent land will need to be consulted
Permit Requirements	Any special network requirements
Traffic Management	By operatives or dedicated Traffic Management team
Utility conflicts	Conflicts and safety if excavation is required
Other cost	Supervision and administration

Structural Testing

Electrical & structural testing		<p>If you wish to attach “something” to a streetlight column that will hang over the highway you will need to apply to us for a licence. Now LCC do not charge for a licence as there is an online application form.</p> <p>The requirement for a licence is driven by Section 178 of The Highways Act 1980; it is not a purely local practice</p>	<p>Approx. costs between £80-£100 per column (the cost will be what the Council is charged subject to location and quantity).</p> <p>Traffic management costs may also be required.</p> <p>Please be aware that testing may not be permissible on certain columns due to safety reasons.</p>
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Street Furniture

Planters		<p>Planters can visually enhance an area whilst acting as a parking deterrent.</p> <p>The on-going maintenance will be the responsibility of the Parish Council.</p>	<p>Approx. £200 upwards, depending on number and size (excluding maintenance and plants), any planter should be agreed as suitable with LCC prior to purchase and must not exceed 900mm in height.</p> <p>A structures licence would be required costing £75.</p>
Benches		<p>A structures licence would be required to install a bench on the Highway.</p> <p>The on-going liability of any structure will be the responsibility of the Parish Council.</p>	<p>The cost of the bench and long-term maintenance will require factoring into the costings.</p> <p>A structures licence would be required costing £75</p>
Bin		<p>A structures licence would be required to install a bin on the Highway.</p> <p>The on-going liability of the bin will be the responsibility of the Parish Council.</p> <p>District councils may need to be involved to arrange and agree emptying.</p>	<p>The cost of the bin and long-term maintenance will require factoring into the costings.</p> <p>A structures licence would be required costing £75</p>
Salt (Grit) Bin		<p>Additional salt bins will only be approved if certain criteria are met.</p> <p>This includes ensuring the location is not on a Priority 1 or Priority 2 precautionary carriageway salting route.</p>	<p>A salt bin will cost £325, but the cost of installing and the initial filling of the salt bin will need to be factored into the total cost.</p> <p>Installation costs will be on a case by case basis as a base may be required.</p> <p>Delivery and initial filling costs would be in the order of £125.</p>

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Highway Maintenance Works

Non-essential
carriageway maintenance



Each request will be reviewed on an individual basis.

Costs subject to individual assessment. Most schemes are likely to exceed £25,000.

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