

## Indicative Standard Highway Construction Costs

Prepared April 2019

in co-ordination with County Councillor Jeremy Pert

**Note:**

\* Quoted costs are **INDICATIVE** only and will heavily depend on factors such as:

- site constraints (e.g. obstructions, available land and presence of public utilities);
- weather conditions;
- 'job size' - with decreased costs for larger work packages
- existing asset condition

\* The cost of any necessary Traffic Management required during construction is **NOT** included and could be significant

\* The cost of any necessary design, Traffic Regulation Order processing and community engagement activities pre construction are **NOT** included

Standard Item	Consider the need for traffic management plus:	Indicative CONSTRUCTION Cost (NOT including any Traffic Management)
<b>Highway Maintenance</b>		
Pothole Repair (using roadmaster)	The scale of the work, the weather conditions and the condition of the surrounding road surface	£1,700 / day to repair up to 30 average size potholes
Hotspot Patching	The scale of the work and the condition of the surrounding road structure	£20,000 for a small junction or 100 m of narrow carriageway
Carriageway - Full Resurfacing	The need for diversion routes, the scale of the work, the depth of construction required and any drainage requirements	£20,000 for 40 m length (dependant on width of road)
Carriageway - Surface Treatment	The existing carriageway condition, the scale of the works and the weather conditions	Between £3 to £8 / m <sup>2</sup> (depending on treatment type)
Footway - Full Resurfacing	The scale of the works and the surrounding footway/road condition	£20,000 for up to 170 m length
Footway - Surface Treatment	The scale of the work, the existing footway condition and any necessary pre-patching	£10 / m <sup>2</sup> (depending on treatment type)
Re-setting of Existing Kerb Stones	The scale of the work and the condition of the surrounding road structure	£600 / day for approx. 5 No. kerbs
Gully Emptying	Any existing damage to the gully or drainage outfalls	£700 / day for up to 80 gullies
Replacement Gullies	The scale of the work and the condition of the surrounding road surface	£700 each
Drainage Repairs	The presence of public utilities and the excavations required to determine damage extents	£5,000 per week
Tree Maintenance	Preservation of the tree as a community asset	£650 / day for a specialist arborist team
<b>Pedestrian Facilities</b>		
Zebra Crossing	The location of public utilities and electrical connections. Any requirement to increase the road surface skid resistance on the approaches. Adequate existing footway widths and any necessary realignment of existing kerblines	£30,000 to £50,000
Traffic Signal Controlled Crossing (Pelican / Puffin / Toucan)	The location of public utilities and electrical connections. Any requirement to increase the road surface skid resistance on the approaches. Adequate existing footway widths and any necessary realignment of existing kerblines	£60,000 to £80,000
Pedestrian Refuge	The location of public utilities and electrical connections. Adequate existing road width and the condition of the surrounding road structure	£10,000 to £20,000
Informal Crossing Point (with dropped kerbs and tactile paving)	Adequate footway widths and the condition of the surrounding road structure	£3,000 to £7,000

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Tactile Paving (at an existing dropped crossing)	Scale of the works and condition of the surrounding footway surface	£500 / m2
New Footway	Site constraints, location of public utilities, condition of surrounding asset	£300 / m2
Pedestrian Guardrailing	Scale of the works and any site constraints	£150 / m
Raised Bus Stop	Any site constraints, the location of public utilities and the condition of the surrounding road structure	£20,000 to £30,000
<b>Signing &amp; Road Markings</b>		
Sign Plate (warning signs / village name plates / direction signs)	Site constraints, the size of the sign and the condition of the existing post/s	£200 to £500
Sign Plate & Post	Site constraints, the size of the sign, the number and type of posts required and the location of public utilities	£300 to £1,000
Illuminated Sign & Post	Lighting requirements, site constraints, the size of the sign, the type of post and the location of public utilities and electrical connections	£1,500 to £2,000
Vehicle Activated Sign (VAS)	Site constraints, type of power supply, location of public utilities and any necessary electrical connection, how the sign will be maintained	£7,000
Bollard	Site constraints, bollard type and scale of the works	£300 to £500 each
Verge Posts (white plastic)	Site constraints, scale of the works	£100 to £150 each
Road Markings including: Access Protection Marking Disabled Parking Bay SLOW marking Speed Limit Roundel Edge of Carriageway Marking	Scale of the works	£750 per day
<b>Traffic Calming/Management Schemes</b>		
Weight Restriction	The number of entries to the restriction that will need to be signed, site constraints, whether the signs will need to be illuminated and the type of post	£6,000 to £15,000
Speed Limit	The number of entries to the restriction that will need to be signed, site constraints, whether the signs will need to be illuminated and the type of post	£10,000 to £15,000
Gateway Feature (signs & roadmarkings)	Any site constraints and the scale of the work	£2,000 to £4,000
One Way System	The number of entries to the OWS that will need to be signed, site constraints, whether the signs will need to be illuminated and whether any physical engineering measures are required	£5,000
Mini Roundabout	All necessary signing and illumination, the condition of the existing road surface and any requirement for kerb realignment	£20,000 to £40,000
Parking Restrictions	The extent of the restrictions, if signing is required and any potential site obstructions	£6,000 per site

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Road Hump / Speed Cushions	The size and number of features, the drainage requirements, the condition of the existing road surface, the number of road entries that will need to be signed and whether the signs will need to be illuminated	£1,500 per raised feature
Removal of Road Hump / Speed Cushions	The size and number of features, if signs are to be removed and the condition of the surrounding road structure	£1,500 per raised feature
Raised Junction	The size of the feature, any necessary signing and illumination and any drainage requirements	£40,000
Build Out / Narrowing of the Carriageway	The size of the feature, any necessary signing and illumination, the location of public utilities and electrical connections	£10,000 to £35,000
Give Way Chicane Buildouts (pair)	The size of the features, any necessary signing and illumination, the location of public utilities and electrical connections	£8,000 to £10,000
Removal of Build Outs	The size of the feature, any necessary signing and lighting removal and the condition of the surrounding road structure	£5,000
Layby	Extents, site constraints, construction materials, drainage requirements and surrounding asset condition	£25,000 to £40,000
Splitter Island on approach to a junction	Site constraints, the location of public utilities and electrical connections, the condition of the existing road structure	£10,000 to £20,000
Junction Improvement	Site constraints, location of public utilities, extent of electrical work, condition of existing road structure, drainage requirements	£50,000 plus
Provision of new cycleway/footway	Site constraints, location of public utilities, condition of surrounding asset, any necessary signage and illumination	£1,000 per metre length
Dropped Kerbs	Site constraints and condition of surrounding road structure	£1,500 to £2,000 per pair
Street Light	Scale of works, site constraints, location of electrical connections	up to £2,500