

Excerpt from LoHAC Contract Services Information

- 1.1 This specification is based on the "Specification for Highway Works" (SHW) (published by the Stationery Office as Volume 1 of the Manual of Contract Documents for Highway Works (MCHW)) and "Highway Construction Details" (Volume 3 of MCHW). Details are set out below of all Additional, Substitute and Cancelled Clauses (Annex A), all Minor Alterations to Existing Clauses (Annex B), all Appendices (Annex C), all Typical Arrangement Drawings (Annex D) and all Highway Construction Details.

This document details the comprehensive range of services that may be requested by an *Employer* under this contract.

Each *Employer* specific Service Information contains that *Employer's* selection of the services that they require the *Contractor* to deliver.

The *Employer* may select to adopt the specification as set out in this document for each service that he requires under this contract, or he may elect to deviate from this specification by including an alternative specification in his *Employer* specific Service Information.

2.1 Safety Inspections

- 2.1.1 If the *Employer* selects service 1 – Safety Inspections – cyclic activity - the *Contractor* is required under this contract to undertake safety inspections of all parts of the Affected Property (except tunnels), to employ a systematic approach to the identification and recording of defects, and a risk-based approach to dealing with them. If the *Employer* selects service 1 – Safety Inspections – reactive works – the *Contractor* will be required to carry out ad hoc safety inspections in response to concerns expressed by the *Contractor's* staff, the *Employer*, the Police or members of the public.
- 2.1.2 Safety inspections shall identify all defects likely to create danger or serious inconvenience to users of the Affected Property or the wider community. Defects are identified in clause 2.1.5 and the level of response required to rectify defects is detailed in clause 2.1.11. Safety inspections shall be undertaken by suitably trained and accredited staff, typically holding City & Guilds 6033 – Unit 311 and being included in the national Register of Highway Inspectors.
- 2.1.3 Safety inspections shall be undertaken on foot at frequencies to reflect the characteristics of the particular element of the Affected Property and its use, and at times of day which enable the inspection to be carried out thoroughly and safely. However, on high speed Strategic Routes (50/ 60/ 70 mph), on roads where there is no footway, or roads where the carriageway is too wide to identify defects from the footway, safety inspections shall be carried out by two operatives in a slow-moving vehicle. Safety inspections carried out in this way shall, whenever possible, be carried out during off-peak hours.
- 2.1.4 If selected as a cyclic activity, the *Contractor* shall carry out safety inspections at the following frequencies:

	Network feature	Frequency
Carriageways	High speed Strategic Route (50/60/70 mph)	1 week
	Other Strategic Route	1 month
	Main Distributor Road	1 month
	Secondary Distributor Road	1 month
	Link Road	3 months
	Local Access Road	6 months
Footways	Prestige Walking Zone	1 week
	Primary Walking Zone	1 month
	Secondary Walking Zone	3 months
	Link Footway	6 months
	Local Access Footway	1 year
Cycling Facilities	Category A: Part of Carriageway	As for road
	Category B: Not Part of Carriageway	1 month
	Category C: Cycle Route through Open Space	1 year

2.1.5 When carrying out a safety inspection, the following shall be classified as defects:

Carriageway

- A pothole 20mm or deeper over 100sqcm or more within 1.5m of the kerb or within a formally marked cycle lane
- A pothole 30mm or deeper over 100sqcm or more elsewhere
- Spalling of concrete 20mm or deeper over 400sqcm or more
- Crowning of 40mm or more over a 3m length
- A depression of 40mm or more within a 1m length or 25mm or more within a 300mm length
- Rutting of 40mm or more
- A gap or crack 20mm or wider, 40mm or deeper and 500mm or longer
- An oil or diesel spill over 1sqm
- Missing or defective anti-skid surfacing over 1sqm
- Standing water 10mm or deeper over 500mm in width adjacent to the kerb or 20mm or deeper over 1sqm or more elsewhere
- Debris, building materials, abandoned vehicles or other obstruction likely to create a hazard
- Inadequate signing or guarding of works

2.1.6 In addition to the above, the inspector shall record anything else which is deemed to be creating, or is likely to create, a hazard to users of the Affected Property. The inspector shall also identify and record any requirement for reactive works associated with, for example, graffiti, animal carcasses, fly tipping or street lights burning during the day.

2.1.11 The risk factor for a particular risk is the product of the risk impact and the risk probability and is therefore in the range of 1 to 20. It is this factor which shall identify the overall seriousness of the risk and consequently the speed of response to remedy the defect. Accordingly, the category of the defect and the response time for dealing with it shall be determined by correlation with the risk factor, as follows:

Risk factor	Category of defect	Response
16 or 20	Cat 1(ECO*)	Attend and take appropriate action within 1 hour (for defects affecting the Strategic Route Network) or within 2 hours (for all other parts of the Affected Property)
8 to 15	Cat 1	Make safe or complete temporary or permanent repair within 24 hours
6	Cat 2H	Complete permanent repair within 7 calendar days
3 to 5	Cat 2M	Complete permanent repair within 28 calendar days
1 or 2	Cat 2L	No response required

* Emergency Call Out