

Appendix 18 – Condition Standards

Hierarchy	Location	Description	Condition Standard
Carriageways (per 100m length)			
All roads	Carriageway	Minor deterioration: - potholes, fine cracking or fretting of existing surfaces.	Where > 30% of surface area then consideration of surface treatment.
	Carriageway	Major Deterioration: - Cracking, coarse crazing, serious loss of aggregate, serious permeability.	Where > 10% of surface area Patch or surface treat Where > 30% of surface area Patch or resurface.
	Carriageway	Previously patched surface resulting in numerous joints.	Where > 40% then consideration for surface treatment.
	Carriageway	Loss of Skid Resistance / texture over whole surface area.	Consideration for Surface Dressing or other proprietary treatment.
	Carriageway	Edge Deterioration	> 20% of length of carriageway edge patching required. > 50% of length then Edge Strengthen and or kerb.
	Carriageway	Wheel Track rutting	> 20mm deep over 10% of length then patch or local resurfaces. > 20mm deep over 90% of length of road then Reshape effected lane
Footways (per 100m length)			
All footways	Footways	Course cracking of the surface. Course crazing, depressions greater than 25mm	> 40 % of surface area then consideration for surface treatment

Hierarchy	Location	Description	Condition Standard
Drainage			
All roads		Culverts and manholes and Silt Traps	Inspected and Cleaned every two years.
All roads	Offlets	Drainage offlets from carriageway	Cleaned annually
All roads	Ditches	Road drainage ditches and cut off ditches	Inspected and Cleaned every 4 years
All roads	Gullies	Cleaning of Gullies	Cleaned annually
All roads	French Drains	Inspecting and Cleaning	Inspected and Cleaned as required.
All roads	French Drains	Replace Filter Material	Replace Filter Material as required.
All roads	Drainage Pipework	Inspecting and Cleaning	Inspected and Cleaned as required.
Grass Cutting and Verges			
All roads	Grass Cut	Cut Verges	1.2m swathe twice a year except conservation verges.
All roads	Weed killing	Spray French drains for weed prevention with approved weed killer	As required.
Traffic Signs			
All roads	Traffic Signs	Physical condition / integrity of Signs	Inspected annually. As Required for Safety.
All roads		Replacement and repair of damaged signs and bollards	Normally Treated as Cat 1 or 2 safety defect

Hierarchy	Location	Description	Condition Standard
Road Markings			
All	Road Markings	Replacement after Surface Treatment or Surface replacement	All mandatory markings that existed prior to treatment should be replaced as soon as reasonably practicable after completion of works. If not possible, signage or temporary marking must be provided in areas where their absence could lead to danger.
All roads	Road Markings	Worn Markings	Should be replaced when >40% of their area becomes ineffective or worn away.
Fences and Barriers			
All	Safety Fence	Damage	Treated as Cat 1 defect unless damage is obviously superficial then program repair.
All	Pedestrian Guard-rail	Damage	Treated as Cat 1 defect unless damage is obviously superficial then program repair.
Traffic Signals			
All	School Crossing Patrol Signs	Faults	Treated as Cat 1 defect.
Street Lighting			
All Roads	Distribution pillar	Preventative maintenance 1. Check all terminals 2. Clean 3. Check earthing 4. Grease all moving parts	Minimum of once in every six years.

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Hierarchy	Location	Description	Condition Standard
All Roads	St Lighting Column	Preventative maintenance 1. Check all terminals 2. Clean 3. Check earthing 4. Grease all moving parts 5. Assess column condition	Minimum of once in every six years.
All Roads	Circuit testing	Preventative maintenance 1. Continuity test 2. Insulation resistance test. 3. Polarity Test 4. Earth loop impedance test 5. Earth electrode test 6. Marking circuit diagram	Minimum of once in every six years.
	Car Park Ticket Machines and Electric Vehicle Charging Points	Routine maintenance undertaken as per manufacturers specification.	Full inspection - Minimum of once in every six years. Routine maintenance – As per manufacturers specification.
Bridges			
All Bridges	Bridges	1. Principle inspection every 6 years. 2. General inspection every 2 years.	Programme repairs or carry out as soon as possible where structural integrity of bridge is being adversely affected.

Hierarchy	Location	Description	Condition Standard
Walls and Embankments			
All Roads	Sea Walls, Retaining Walls, Embankments and Cuttings	<ol style="list-style-type: none"> 1. Check general profile of wall for any subsidence or obvious slipped stones/blocks. 2. Check pointing. 3. Check foundation/toe. 4. Check parapet and coping. 5. Check that gabion baskets remain intact and stone remains secure. 6. Check that rock armour or blocks have not moved. 	<p>Seawalls Within 2m of carriageway – Annual inspection Over 2m – Every 4 years Known trouble spots – 6 monthly and ad-hoc following storms/concerns being raised.</p> <p>Retaining Walls All – Every 4 years and ad-hoc where concerns are raised.</p> <p>Embankments/cuttings All - Ad-hoc where concerns are raised.</p>
Lifebuoys			
All Roads	Life Buoys	<ol style="list-style-type: none"> 1. Check that protective cover is intact 2. Check that Life Buoy is in good condition 3. 4no. reflectors are present on Life Buoy 4. Rope is untangled and securely connected to Buoy 	Treated as Cat 1 defect.