

Highways Adoptions

Technical Approval Check List

		Included	NA
Layout	Location plan at a scale no smaller than 1:1250.	<input type="checkbox"/>	<input type="checkbox"/>
	Section 38 Agreement plan indicating the areas of proposed highway offered for adoption (coloured pink), and including any landscaping.	<input type="checkbox"/>	<input type="checkbox"/>
	Layout plans at 1:500 on A1 (1:200 for smaller sites) indicating the position of all carriageways, footways, footpaths, cycleways, verges, service strips, visibility splays, traffic calming features, surface water drainage (including gully positions), position of dwellings (clearly detailing position of entrances, windows, porches, steps etc.), positions of street lighting, gradients of driveways, garaging and/or parking spaces with vehicular crossings, traffic signs, road markings, street name plates and any structures.	<input type="checkbox"/>	<input type="checkbox"/>
	Stage 1 RSA from pre-planning and Stage 2RSA with designer's response.	<input type="checkbox"/>	<input type="checkbox"/>
	Copies of the approved planning layout & landscaping plans.	<input type="checkbox"/>	<input type="checkbox"/>
Alignment	Longitudinal sections of the carriageway showing existing and proposed levels for the centre line, channel, gradients and vertical curves with the appropriate horizontal road layout drawn above or below this section.	<input type="checkbox"/>	<input type="checkbox"/>
	Cross sections at 10m intervals showing carriageway, footway and verge construction including details of support.	<input type="checkbox"/>	<input type="checkbox"/>
		<input type="checkbox"/>	<input type="checkbox"/>
Geometry	Swept path analysis of all streets & junctions, using the appropriate design vehicle. Waste supplementary guidance.	<input type="checkbox"/>	<input type="checkbox"/>
Standard Details	Typical construction details of footways, footpaths, cycleways, vehicular accesses and pedestrian crossing points kerbs, manholes and pipe bedding etc. (as per standard drawings).	<input type="checkbox"/>	<input type="checkbox"/>
Ground Conditions	Where required the submission shall include a geotechnical report, including CBR test results at formation.	<input type="checkbox"/>	<input type="checkbox"/>
Services	Existing services layout plan.	<input type="checkbox"/>	<input type="checkbox"/>
	Proposed services layout plan.	<input type="checkbox"/>	<input type="checkbox"/>

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Drainage	Details of existing and proposed surface and foul water drainage, including a highway gully layout.	<input type="checkbox"/>	<input type="checkbox"/>
	Drainage system longitudinal sections indicating surface and foul water sewer profiles including the position of manholes, gradients, pipe sizes etc.	<input type="checkbox"/>	<input type="checkbox"/>
	A manhole schedule.	<input type="checkbox"/>	<input type="checkbox"/>
	Surface water run-off calculations.	<input type="checkbox"/>	<input type="checkbox"/>
	Typical drainage construction details.	<input type="checkbox"/>	<input type="checkbox"/>
	Details of deeds of easement and discharge consents. Any drainage structures outside the highway required to comply with the drainage strategy for the site.	<input type="checkbox"/>	<input type="checkbox"/>
Street Lighting	Either a street lighting layout and specification or a request for SGC to undertake the street lighting design (note that this will not be completed until such time as the layout has been agreed). Refer to landscaping plan to avoid conflict between lighting columns and trees.	<input type="checkbox"/>	<input type="checkbox"/>
Street naming	Street layout with proposed names	<input type="checkbox"/>	<input type="checkbox"/>
TROs	An AutoCAD drawing file of the highway layout is required for the preparation of any Traffic Regulation Orders.	<input type="checkbox"/>	<input type="checkbox"/>
Structures	Any specialist information regarding bridges, culverts, headwalls and retaining walls supplied on separate drawings.	<input type="checkbox"/>	<input type="checkbox"/>
	A structures AIP report produced in accordance with the latest version of DMRB Vol 1 Sec 1 BD2 'Technical Approval of Highway Structures' for each individual structure, including private structures adjacent to areas being offered for adoption. Note: All structures to be designed to structural Eurocodes and calculations provided along with Design & Check Certificates in accordance with the latest version of DMRB Vol 1 Sec 1 BD2.	<input type="checkbox"/>	<input type="checkbox"/>
Landscaping	Layout plan detailing the position of all trees, tree pits, planting & grassed areas to be offered for adoption.	<input type="checkbox"/>	<input type="checkbox"/>
	Tree and planting schedule.	<input type="checkbox"/>	<input type="checkbox"/>
	Tree pit construction detail(s).	<input type="checkbox"/>	<input type="checkbox"/>
H&S	A full copy of HSE Form F10 which has been submitted to the Health & Safety Executive to notify them of the development, including details of the Client and the CDM Co-ordinator.	<input type="checkbox"/>	<input type="checkbox"/>