



HDC Support LTD

Highways Development Control

Transport Planning Consultant

Condition Survey Report

Whitehall Road West, Birkenshaw.

Prepared by:

Tim Robinson BEng (Hons) Civil Eng. MCIHT

May 2025

Ref: HDC/ENG/FINAL



Introduction

As part of the predevelopment commencement conditions relating to planning approval 2024/62/92281/E for erection of 23 dwellings with access from Whitehall Road West, a highway condition survey has been prepared. This survey was prepared on behalf of Orion Homes Ltd at Land off Whitehall Road West, Birkenshaw, BD11 2LS.

The survey was carried out on Monday 5th May 2025 by Mr Tim Robinson of HDC Support Ltd (acting as representative of the Applicant Orion Homes Ltd and Kirklees Highways Development Management). There was no representation from Kirklees Highways.

Planning Permission

The specific wording of the condition is listed below:

15. Before development commences, a survey of the existing condition of the highway on Whitehall Road West shall be submitted to and approved in writing by the Local Planning Authority. The survey shall include carriageway and footway surfacing, verges, kerbs, edgings, street lighting, signing and white lining. Upon completion of the development and before any new building is occupied a highway condition survey identifying a scheme to reinstate any subsequent defects in the condition of the highway on Whitehall Road West shall be submitted to and approved in writing by the Local Planning Authority. All of the identified works shall be implemented before any part of the development is first brought into use.



Survey Methodology

The survey was undertaken along Whitehall Road West between the roundabout of Heathfield Lane east towards the roundabout of the A651. The length of the survey is approximately 295m linear metres.

Centre line chainage points at 10m intervals were marked out and recorded by individual photos.

Additional photos have been taken where a number of defects were observed, relevant comments made and, in some circumstances, recommendations made in terms of monitoring and or action to be taken by the Highway Authority.

A walk along video was also undertaken along Whitehall Road West for the purposes of additional evidence if required in the future. This does not form part of the report but is held on file if required.

Tim Robinson - HDC Support Ltd



Comments – new carriageway construction as part of Section 278 works. No specific comments as all recently constructed.



Comments – previous cycle lane / brindle surface dressing heavily worn. No details of whether this will be reinstated as part of the latest works.

Recommendation – Highway Authority to monitor.



Comments – see previous.



Comments – evidence of slight gap in surface course along parallel joint.

Recommendation – Highway Authority to monitor.



Comments – new surface course requires road sweeping.

Recommendation – Highway Authority to initiate Road Sweep.



Comments – surface course requires a road sweep. Some evidence of previous road marking may require addressing as part of Road Safety Stage 3 for recent highway works.



Comments – see previous.



Comments – see previous.



Comments – several trench reinstatements particularly at Ch 25m and also along the southern side of the carriageway where trenches cross over each other. Potential for accelerated settlement.

Recommendation – Highway Authority to monitor.



Comments – see previous.

Chainage 20m

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Comments - none



Comments – trench reinstatement running perpendicular across carriageway.



Comments – kerb block chipped where trench reinstatement works has occurred. Potential trip hazard.

Recommendation – Highway Authority to monitor.



Comments – surface course of northern side of carriageway showing signs of becoming polished.
Note trench reinstatement on southern side.



Comment – patchwork of trench reinstatements.

Recommendation – Highway Authority to monitor.

Chainage 30m

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Comment – see previous.



Comments – Carriageway surface requires a road sweeper.

Recommendation – Highway Authority initiate road sweeping.

Chainage 40m

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Comments – see previous.

Chainage 40m

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Comments – see previous.



Comments - Surface course of northern side of carriageway showing signs of becoming polished.
Note trench reinstatement on southern side of carriageway.



Comments – see previous.

Chainage 50m

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Comments – see previous.



Comments – Surface course showing signs of tensile cracking along near side wheel track on south side of carriageway.

Recommendation – Highway Authority to monitor.



Comments – see previous.



Comments – surface course requires road sweeping. Carriageway markings showing signs of wear.

Recommendation – Highway Authority to initiate Road Sweep.

Chainage 60m

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Comment – see previous.

Chainage 60m

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Comments – see previous.

Chainage 60m

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Comments – see previous.



Comments – more detail of trench reinstatement showing some minor settlement.

Recommendation – Highway Authority to monitor.

Chainage 70m

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Comments – none.

Chainage 70m

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Comments – none.

Chainage 70m

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Comments – none.



Comments – Surface course adjacent to existing kerb at Ch 71m uneven.



Comments – would suggest previously a surface water gully chamber has been covered over. Some signs of surface course settlement causing tensile cracking along the outline of the chamber.

Recommendation – Highway Authority to monitor.



Comments – hazard warning lines worn on either side of carriageway. Trench reinstatement appears to have settled slightly.



Comments – trench reinstatement may require attention.

Recommendation – Highway Authority to monitor.

Chainage 80m



Comments – see previous.



Comments – Hazard warning lines worn on south side of carriageway. Trench reinstatement showing signs of early settlement.

Chainage 90m

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Comments – see previous.



Comments – surface course becoming polished.

Recommendation – Highway Authority to monitor.



Comments – Road Sweeper required. Road marking starting to wear.

Recommendation – Highway Authority to initiate Road Sweeping.



Comments – gaps in the previous trench reinstatement starting to appear.

Recommendation – Highway Authority to monitor.

Chainage100m

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Comments – see previous.

Chainage 100m

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Comments – see previous.



Comments – gaps in trench reinstatement starting to appear.

Recommendation – Highway Authority to monitor.



Comments – All carriageway markings suffering from premature wear because of heavy goods vehicles turning in and out of the Fire Service Headquarters.

Recommendation – Highway Authority to monitor.



Comments – As above.

Chainage 110m

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Comments – See previous.



Comments = Existing drainage channel blocks are uneven. All centre line and give way markings from the Fire Service Headquarters heavily worn.

Recommendation – Highway Authority to monitor.

Chainage 120m

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Comments – Surface course and road markings worn.

Recommendation – To be monitored by the Highway Authority.



Comments – see previous.



Comments – see previous.



Comments – Trench reinstatement across carriageway at Ch 134m.



Comments – Trench reinstatement crossing parallel trench running along length of Whitehall Road
West Ch 134m.



Comments – Channel line level appears to drop slightly at ch132m – Ch 135m.



Comments – A more detailed photo of two trench reinstatements crossing each other. Note surface course gap starting to develop.

Recommendation – Highway Authority to monitor.



Comments – kerb line and carriageway showing signs of premature settlement.

Recommendation – Highway Authority to monitor.



Comments – Signs of standing water where general detritus is gathering. Potential drainage problem with surface water.

Recommendation – Highway Authority to visit site in wet weather.



Comments –see previous.

Chainage 140m

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Comments – none.

Chainage 140m

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Comments – none.

Chainage 140m

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Comments – none.



Comments – Surface water gully blocked.

Recommendation – Requires immediate attention by Highway Authority.



Comments – Signs of premature settlement causing tensile cracking of surface course.

Recommendation – Highway Authority to monitor.



Comments – surface in need of road sweeping.

Recommendation Highway Authority to initiate Road Sweep.



Comments – Trench reinstatements cross each other. Some signs of gaps in surface course starting to develop.

Recommendation – Highway Authority to monitor.



Comments – see previous.



Comments – as per previous comments.



Comments – Hazard warning lines worn.

Recommendation – Highway Authority to monitor.



Comments – Surface course / drainage channel is uneven on south side of carriageway edge.



Comments – As per previous comments.



Comments – Road markings worn. Trench reinstatement cross each other at Ch 173m onwards.

Chainage 170m

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Comments – see previous.



Comments – Minor defect in surface course at ch171m.

Recommendation – Highway Authority to monitor.



Comments – Diagonal trench reinstatement crosses full width of carriageway.

Chainage 180m

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Comments – Road markings worn. Trench reinstatement continues along southern lane of carriageway.



Comments – none.



Comments – Diagonal trench reinstatement continues onto northern lane of carriageway.



Comments – damaged kerbstone.

Recommendation – Highway Authority to replace.



Comments – Kerbs adjacent to private driveway uneven. Some minor surface course degradation.
Two number trench reinstatements running parallel to each other.



Comments – Centre line road markings worn.



Comments – see previous.

Chainage 190m

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Comments – see previous.



Comments – Signs of surface course degradation along centre line.

Recommendation – Highway Authority to monitor.



Comments – Uneven drainage channel and illegal obstruction adjacent to vehicle crossing.

Recommendation – Highway Authority to remove.



Comments – none.



Comments – drainage channel temporarily obstructed by placement of concrete to create ramp at existing vehicular crossing.



Comments – Premature wear of surface course along centre line.

Recommendation – Highway Authority to monitor.



Comments – Blocked Road gully along south side of carriageway.

Recommendation – Highway Authority to action.



Comments – As per previous comments.



Comments – More detailed view of blocked road gully on southern side of carriageway.

Recommendation – Highway Authority to action.



Comments – loss of aggregate in surface course resulting in a polished surface.

Recommendation – Require attention by Highway Authority.



Comments – more evidence of polished surface course because of loss of aggregate.

Recommendation – Highway Authority to monitor.



Comments – see previous.



Comments – trench reinstatement continues along southern lane. Slight gap in centre line joint.
Polished surface course developing.

Recommendation – Highway Authority to monitor.



Comments – see previous.



Comments – Surface course joint starting to develop.

Recommendation – Highway Authority to monitor.



Comments - Trench reinstatement along southern flank. Minor surface course break up along centre line at Ch 241m. Centre line road markings worn.

Chainage 240m

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Comments – see previous.



Comments – centre line worn.

Chainage 250m

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Comments – none

Chainage 250m

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Comments – none.

Chainage 250m

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Comments - none



Comments – trench reinstatement continues southern flank. Note new carriageway construction at Ch 265m.



Comments – trench reinstatement continues.

Chainage 260m

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Comments – none.

Chainage 270m

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Comments – requires road sweep.



Comments – none.



Comments – none.



Comments – none.

Chainage 280m

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Comments - none

Chainage 280m

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Comments - none



Comments – none.



Comments – none.

Chainage 290m

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Comments - none



Comments – minor tensile cracks to footway surface course.

Recommendation – Highway Authority to monitor.

Chainage 295m

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Comments - none



Comments - none

Chainage 295m

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Comments - none

END