BARNSLEY
Metropolitan Borough Council

Nathanael Idan
Highways Development Control
Growth and Sustainability

Pre-Start Highway Condition Survey
Acorn Way, Grimethorpe, S72 7NZ
Planning Ref: 2020/1394

Highways Development Control

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Contents

Introduction 3

Survey Overview 4

1. Weather 4
2. Survey Extents 4
3. Observations 4

Condition Photographs – Acorn Way, Left-hand footway, and carriageway up to site boundary 5

Condition Photographs – Acorn Way, Southern Carriageway/Kerb line Subjected to Weed Growth 11

Condition Photographs – Acorn Way, Remaining Carriageway/Footway from Allotments back onto main road 13

Condition Photographs – Acorn Way, Northern Section of Carriageway before junction into site 18

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Introduction

A condition survey undertaken by Lee Francis and Nathanael Idan of Barnsley MBC on behalf of Holcon Group on 13th September 2022 between the hours of 10.00am and 11:00am

The purpose of the report is "To ensure that any damage to the adopted highway sustained throughout the development process is identified and subsequently remedied at the expense of the developer in interests of highway safety in accordance with Local Plan Policy T4".

Please note that this report does not include all 90 photographs taken on the day. Full resolution photographs are available for the full extents of the survey upon request from Barnsley MBC.

Note: No liability is accepted for any changes in condition which may occur after the date of the survey, or any defects which may not be visible during the time at which the survey was undertaken. No extensive investigation was carried out, and any debris etc. which could potentially obscure defects was not cleared.

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Survey Overview

1. Weather

Generally Mild, Slightly Overcast. Temperatures not recorded at time of survey but in the region of 18^{o}C

2. Survey Extents

The survey was undertaken on the areas of adopted highway along Acorn Way, Grimethorpe. The survey starts in the location of the imprint tarmac crossing point, to the east of the junction into the site and continues up to the proposed development site boundary. It then goes back towards the main road, covering the opposing footway and other half of the carriageway. The extents of the survey can be seen on the accompanying “Survey Extents Plan”.

3. Observations

While there doesn’t seem to be a great deal of excessive damage to the kerbing, both the carriageway and footway are showing signs of the surfacing material starting to fail – the majority of it being very open-graded with very little bitumen/binding material left on the surface course. Visible evidence of plucking out in both the carriageway and footways are therefore present.

It should be noted that at the time of the survey, the very southern kerb line marked on the plan was not visible due to an excessive amount of weed growth/vegetation, to the point that even areas of the carriageway was not visible. This was brought up with the developer on the date of the survey, and the possibility of them clearing the vegetation for us to survey this area at a later date was discussed.

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Condition Photographs – Acorn Way, Left-hand footway, and carriageway up to site boundary



Photo 1 – General Footway Condition



Photo 2 – Damage to imprint tarmac



Photo 5 – Verge Condition



Photo 7 – Footway Surfacing deterioration and sinking around the BT box



Photo 8 – Carriageway showing signs of plucking out and cracking



Photo 11 – Settled ironworks in carriageway



Photo 14 – General Footway Condition/Weed Growth in kerb/channel line



Photo 18 – General Carriageway/Footway Condition



Photo 19 – General Footway Condition. Can't Survey back edgings due to weed growth



Photo 22 – Evidence of ponding in crossing point



Photo 24 – Carriageway/Footway Condition. Silt/Debris in channel line



Photo 28 – Concrete deposits in Footway/Overgrowing Vegetation

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Condition Photographs – Acorn Way, Southern Carriageway/Kerb line Subjected to Weed Growth



Photo 34 – Location of Southern Kerb line



Photo 36 – Excessive Weed Growth (Continued)



Photo 40 – Overgrowing Vegetation/Obstructions in carriageway/General failing of surfacing material



Photo 45 – Entrance to allotments

Condition Photographs – Acorn Way, Remaining Carriageway/Footway from Allotments back onto main road



Photo 50 – General Carriageway Deterioration. Kerb line obscured due to vegetation

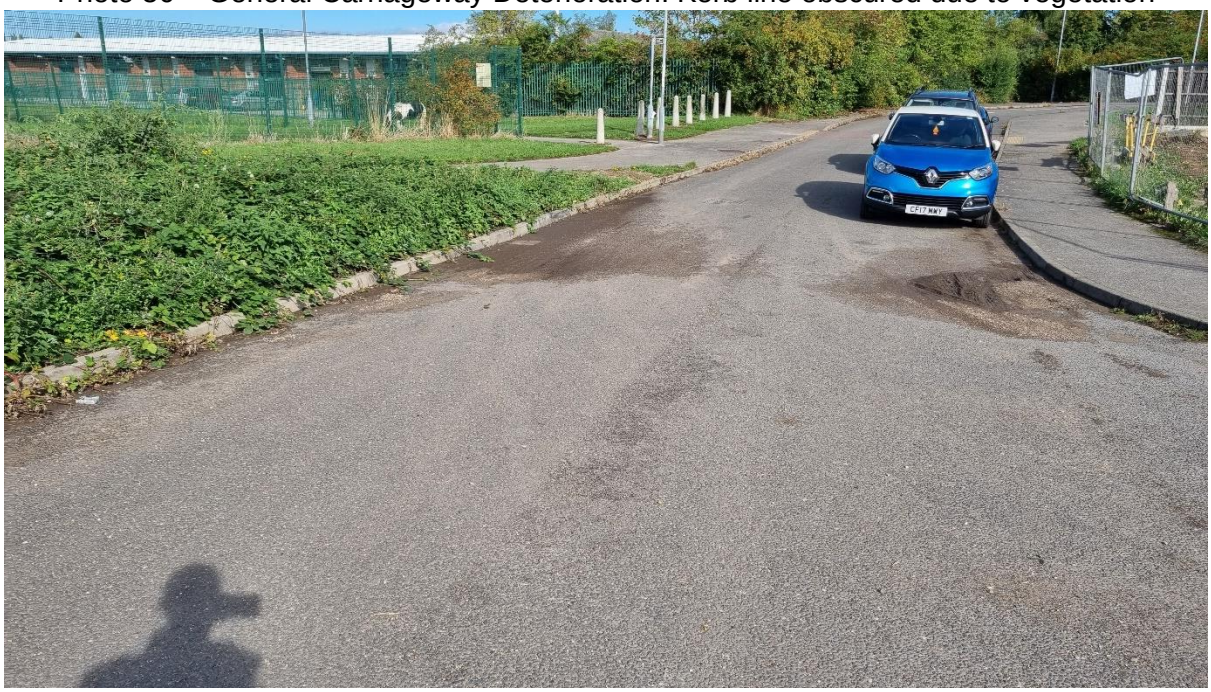


Photo 56 – Evidence of ponding in both sides of the carriageway/Gullies blocked



Photo 60 – General carriageway/Footway/Verge condition



Photo 63 – Settled ironwork in the footway



Photo 66 – Defects to imprint crossing point



Photo 68 – General carriageway condition. Overgrown vegetation to footway



Photo 71 – Damage to carriageway surfacing



Photo 74 – Tarmac cracking/damage in carriageway and footway



Photo 76 – Kerb damage at gully/Tarmac damage to carriageway/footway

Condition Photographs – Acorn Way, Northern Section of Carriageway before junction into site



Photo 80 – General Carriageway/Footway condition



Photo 81 – Cracking to back of footway



Photo 86 – Minor Sign Damage (Graffiti)



Photo 88 – General Carriageway condition/Tarmac wear due to age



Photo 90 – Damage to Imprint crossing point/Evidence of ponding in crossing