Local Transport Projects

Transport Planners.
Highway Designers.
Traffic Engineers.

Highway Condition Survey



Proposed Residential Development, Cliffe Lane, Cleckheaton, Highway Condition Survey (Before Development)

September 2026

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Project Details

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Location:	Boothroyd Lane, Dewsbury
Reference:	LTP/26/7132
Client:	Keepmoat Homes

LTP Report Details

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LTP Project Team

As part of our commitment to quality, the above team of transport professionals was assembled for the delivery of this project. Relevant qualifications are shown and CVs are available upon request to demonstrate our experience and credentials.

Team Member	Role	Qualifications
Tony Kirby	Director (Project Manager)	IEng MSc MCIHT FIHE
Jacob Harah	Apprentice Highway Engineer	

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1. INTRODUCTION

1.1 Introduction

1.1.1 Local Transport Projects (LTP) Ltd has been commissioned to undertake a highway dilapidation survey on the following locations in Cleckheaton:

- An approx. 500 metre route along Cliffe Lane, Latham Lane and West Lane

1.1.2 This document sets out the background information to the site which includes a location plan, brief description of the site and a summary of key findings. The completed 'before' visual inspection survey and digital photographic record are provided in Appendix 1 with associated digital photographs provided in Appendix 2.

1.2 Survey Team and Methodology

1.2.1 The 'before' survey was undertaken on Thursday 10th September 2026 by the following LTP staff:

- Tony Kirby – Director;
- Jacob Harah – Highway Engineer

1.2.2 The survey has been undertaken through:

- A Coarse Visual Inspection (CVI) that was undertaken through a video survey of the route; and
- A Detailed Visual inspection (DVI) that included digital photographs of identified defects.

1.2.3 The DVI covering the following elements:

- Any Structural defects within the carriageway and footway noted, including:
  - Rutting (identified by linear measure or chainage location);
  - Crazing of surface (identified by chainage and approximate area);
  - Cracking of surface (located by chainage and approximate area);
  - Significant failures to carriageway located by chainage and description;
  - Disintegration of edge of carriageway (located by chainage);
  - Any damage to existing kerb lines, channels or edgings; and
  - Any blocked gullies

1.2.4 It should be noted that the above does not constitute a detailed structural analysis and as such cannot guarantee that the pavement construction would not deteriorate further under heavy usage, which can only be monitored periodically.

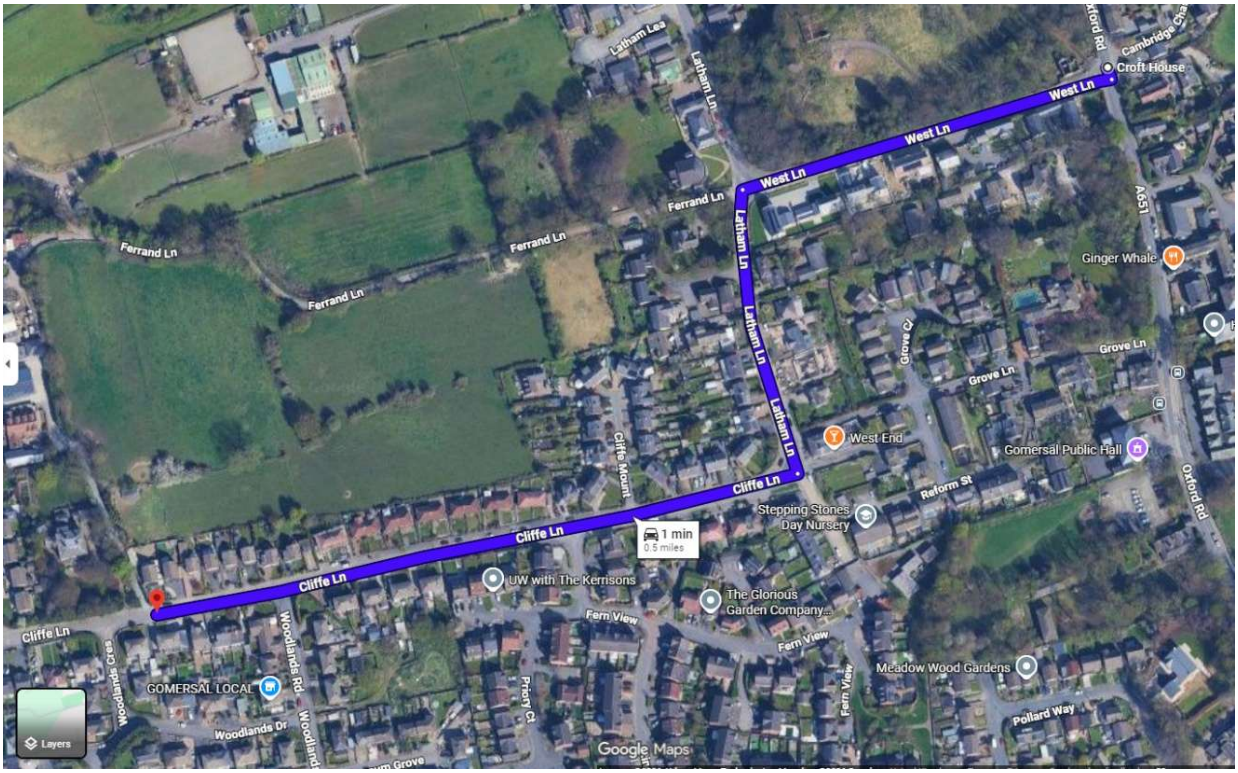
1.2.5 It is noted that there are two street lighting columns within the study area: one located opposite the entrance to the development site and the other at the top of Boothroyd Lane. No detailed inspection or testing of the streetlights or lighting columns has been undertaken. For the purpose of recording the condition of the lighting columns, a visual inspection was carried out. The lighting columns appeared to be in fair condition, with no evidence of significant vehicle impact damage or excessive leaning.

2. ROUTE DESCRIPTION

2.1 Location of Proposed Survey

2.1.1 Figure 1 indicates the extents of the survey undertaken in blue.

Figure 1: Extents of survey



Source Imagery: Imagery @2026 Airbus, Maxar technologies, Map data @2026 Google

3. SUMMARY

3.1 Summary

3.1.1 The detailed findings of the DVI are provided in Appendix 1 with associated digital photographs of identified defects provided in Appendix 2.

3.1.2 The key findings of the survey were as follows:

- The survey recorded a series of minor existing defects throughout; and
- Boothroyd Lane had a few areas of a significant defects (cracking, potholes, spalling) that is likely to deteriorate further without intervention.

Appendix 1 – Highway Condition Survey

Highway Condition Survey

Site:	Cliffe Lane Gomersal
Date:	10/09/2026
Section:	West Lane

LTP Ref:	7132
Weather Conditions:-	Overcast
Road Surface:-	Dry

Defect Severity:	
Major	
Signicant	
Minor	
Good condition	

		Defect											Position in Carriageway								Defect															
Ref.	**Chainage (m)**	Crazing	Pothole	Spalling	Diagonal Crack	Trans Crack	Long Crack	VOR	Fatting	Edge Det	Other/Notes	F/V	K/C	Shoulder	Crown C	L Crown	Shoulder	K/C	F/V	Crazing	Pothole	Spalling	Diagonal Crack	Trans Crack	Long Crack	VOR	Fatting	Edge Det	Other/Notes	**Photo Ref:**
	0 - 3										Kerb Damage																			878
	2										Blocked Gully																			879
	04 - 09										Kerb Damage																			880
	4				x	x	x				At sunken iron work																			881
	8 - 10								x		Transverse at edge																			882,883
	9 - 21									x																				884
	17								x																					885
	37										Blocked Gully																			886
	75 - 88			x																										889
	79										Blocked Gully																			888
	82 - 100			x							Setlement lines x2																			892, 893
	85 - 88										Trench																			890
	85										Blocked Gully																			891
	103					x					At Trench																			894
	108 - 110										Setlement																			895
	114 - 127						x				Setlement line																			896

Site:	Cliffe Lane Gomersal
Date:	10/09/2026
Section:	West Lane

LTP Ref:	7132
Weather Conditions:-	Overcast
Road Surface:-	Dry

Defect Severity:	
Major	
Signicant	
Minor	
Good condition	

Ref.	Chainage (m)	Defect										Position in Carriageway								Defect										Photo Ref:
		Crazing	Pothole	Spalling	Diagonal Crack	Trans Crack	Long Crack	VOR	Fatting	Edge Det	Other/Notes	F/V	K/C	Shoulder	Crown C	L Crown	Shoulder	K/C	F/V	Crazing	Pothole	Spalling	Diagonal Crack	Trans Crack	Long Crack	VOR	Fatting	Edge Det	Other/Notes	
	126										Blocked Gully																			897
	128 - 150									x																				898
	131 - 200										Footway Surface not complete																			901
	155										Blocked Gully																			899
	161 - 165		x																											900
	186										Blocked Gully																			902
	197 - 204						x				At Patch																			903
	197 - 208	x			x	x	x																							904, 905, 906, 907
	208 - 209	x																												908
	208 - 216		x						x																					909, 910, 911
	216 - 222				x						Trench																			912
	222 - 225					x	x																							913
	223		x																											914
END OF WEST LANE																														

Highway Condition Survey

Site:	Cliffe Lane Gomersal
Date:	10/09/2026
Section:	Lantham Lane & Cliffe Lane

LTP Ref:	7132
Weather Conditions:-	Overcast
Road Surface:-	Dry

Defect Severity:	
Major	
Signicant	
Minor	
Good condition	

		Defect											Position in Carriageway								Defect													
Ref.	**Chainage (m)**	Crazing	Pothole	Spalling	Diagonal Crack	Trans Crack	Long Crack	VOR	Fatting	Edge Det	Other/Notes	F/V	K/C	Shoulder	Crown C	L Crown	Shoulder	K/C	F/V	Crazing	Pothole	Spalling	Diagonal Crack	Trans Crack	Long Crack	VOR	Fatting	Edge Det	Other/Notes	**Photo Ref:**
	0 - 31										Unfinished Footway																			915, 921, 924
	0 - 31									x																				916, 921, 924
	3 - 4										Patch at Ironworks																			918
	5 - 6										Patch																			917
	7 - 16			x					x																					919, 920
	13			x	x	x	x				At Gully																			922
	25 - 41			x			x																							925, 926
	27 - 29				x	x	x				At patch																			923
	37 - 56						x																							928
	42 - 70				x	x	x				At patch																			927, 932
	47				x	x	x				At Iron work																			929
	48				x	x	x				At Iron work																			930
	53 - 57			x																										931
	64 - 69						x																							933
	70					x					At Trench																			934
	72				x	x	x				At Iron work																			936

Site:	Cliffe Lane Gomersal
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LTP Ref:	7132
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Minor	
Good condition	

		Defect											Position in Carriageway								Defect													
Ref.	**Chainage (m)**	Crazing	Pothole	Spalling	Diagonal Crack	Trans Crack	Long Crack	VOR	Fatting	Edge Det	Other/Notes	F/V	K/C	Shoulder	Crown C	L Crown	Shoulder	K/C	F/V	Crazing	Pothole	Spalling	Diagonal Crack	Trans Crack	Long Crack	VOR	Fatting	Edge Det	Other/Notes	**Photo Ref:**
	75										At Patch																			937
	76 - 94			x																										938, 939, 942
	86 - 87	x			x	x	x				Sunken Iron work																			940
	88	x			x	x	x				At Iron work																			941
	103 - 108									x																				943
	108 - 116					x	x				At Trench																			944
	116 - 135						x				At Trench																			954, 947
	122 - 130					x	x				At Trench																			946
	130					x					At Trench																			948
	140 - 141	x			x	x	x				At Gully																			949
	144 - 145	x			x	x	x				At Gully																			950
	145 - 147	x			x	x	x				Kerb Damage																			951
	148 - 149										Rutting																			952
	154 - 182								x		At Patch																			953, 954, 955
	157 - 158				x	x	x																							956
	166	**Cliffe Lane**																												
	168 - 175										Kerb Damage																			958

Site:	Cliffe Lane Gomersal
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Minor	
Good condition	

Ref.	Chainage (m)	Defect										Position in Carriageway								Defect										Photo Ref:
		Crazing	Pothole	Spalling	Diagonal Crack	Trans Crack	Long Crack	VOR	Fatting	Edge Det	Other/Notes	F/V	K/C	Shoulder	Crown C	L Crown	Shoulder	K/C	F/V	Crazing	Pothole	Spalling	Diagonal Crack	Trans Crack	Long Crack	VOR	Fatting	Edge Det	Other/Notes	
	172	x			x	x	x				At Iron work																			957
	185 - 201			x																										959, 960, 961

Site:	Cliffe Lane Gomersal
Date:	10/09/2026
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		Defect											Position in Carriageway								Defect												
Ref.	Chainage (m)	Crazing	Pothole	Spalling	Diagonal Crack	Trans Crack	Long Crack	VOR	Fatting	Edge Det	Other/Notes	F/V	K/C	Shoulder	Crown C	L Crown	Shoulder	K/C	F/V	Crazing	Pothole	Spalling	Diagonal Crack	Trans Crack	Long Crack	VOR	Fatting	Edge Det	Other/Notes	Photo Ref:
	202 - 293			x																										962, 964, 697
	214					x					At Patch																			963
	244	x									At Iron work																			965
	256 - 261					x																								966
	287	x									At Sunken Iron work																			968
	293 - 302			x		x	x	x																						969
	311 - 312				x	x	x																							970
	313					x																								971
	323			x																										972
	341			x																										973
	359 - 360				x	x	x				Sunken Gully																			974
	361					x					At Patch																			975
	371 - 436				x	x	x				At Patch																			976, 978, 980, 982, 984
	372										Sunken Iron works																			977
	394					x																								979
	418				x	x	x				Sunken Iron works																			981
	418 - 425	x			x	x	x																							983

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Minor	
Good condition	

Ref.	Chainage (m)	Defect										Position in Carriageway							Defect										Photo Ref:
		Crazing	Pothole	Spalling	Diagonal Crack	Trans Crack	Long Crack	VOR	Fatting	Edge Det	Other/Notes	F/V	K/C	Shoulder	Crown C	L Crown	Shoulder	K/C	F/V	Crazing	Pothole	Spalling	Diagonal Crack	Trans Crack	Long Crack	VOR	Fatting	Edge Det	Other/Notes	
	448					x																								985
	450 - 453				x																									986
	455 - 456						x																							987
	467	**WOODLAND ROAD**																												
	468 - 476								x																					988
	478				x	x	x				At Gully																			989
	491				x	x	x				At Gully																			990
	492				x	x	x				At Gully																			991
	499			x																										992
	506					x					At Trench																			993
	511		x		x	x	x				At Iron work																			994
	513 - 514					x	x																							995
	516 - 517					x	x																							996
	527 - 529			x		x	x																							997
	534			x																										998
	544 - 548	x			x	x	x																							999
	551 - 552			x																										1000

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		Defect											Position in Carriageway								Defect											
Ref.	**Chainage (m)**	Crazing	Pothole	Spalling	Diagonal Crack	Trans Crack	Long Crack	VOR	Fatting	Edge Det	Other/Notes	F/V	K/C	Shoulder	Crown C	L Crown	Shoulder	K/C	F/V	Crazing	Pothole	Spalling	Diagonal Crack	Trans Crack	Long Crack	VOR	Fatting	Edge Det	Other/Notes	**Photo Ref:**
	558			x																										1001
	566 - 567	x			x	x	x																							1002
	568					x																								1003
	571	**WOODLAND CRESNT END OF SURVEY**																												

Appendix 2 – Photos

Appendix 2

Site Photos –
Cliffe Lane Cleckheaton
Before Survey

Date:- 10/09/26

West Lane
DSC00878



DSC00879



DSC00880



DSC00881



DSC00882



DSC00883



DSC00884



DSC00885



DSC00886



DSC00888



DSC00889



DSC00892



DSC00893



DSC00890



DSC00891



DSC00894



DSC00895



DSC00896



DSC00897



DSC00898



DSC00901



DSC00899



DSC00900



DSC00902



DSC00903



DSC00904



DSC00905



DSC00906



DSC00907



DSC00908



DSC00909



DSC00910



DSC00911



DSC00912



DSC00913



DSC00914



<u>Lantham Lane</u>
DSC00915



DSC00916



DSC00921



DSC00924



DSC00917



DSC00918



DSC00919



DSC00920



DSC00922



DSC00925



DSC00926



DSC00923



DSC00928



DSC00927



DSC00932



DSC00929



DSC00930



DSC00931



DSC00933



DSC00934



DSC00936



DSC00937



DSC00938



DSC00939



DSC00942



DSC00940



DSC00941



DSC00943



DSC00944



DSC00954



DSC00947



DSC00946



DSC00948



DSC00949



DSC00950



DSC00951



DSC00952



DSC00953



DSC00954



DSC00955



DSC00956



<u>Cliff Lane</u>
DSC00958



DSC00957



DSC00959



DSC00960



DSC00961



DSC00962



DSC00964



DSC00997



DSC00963



DSC00965



DSC00966



DSC00968



DSC00969



DSC00970



DSC00971



DSC00972



DSC00973



DSC00974



DSC00975



DSC00976



DSC00978



DSC00980



DSC00982



DSC00984



DSC00977



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DSC00981



DSC00983



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DSC00987



DSC00988



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DSC00990



DSC00991



DSC00992



DSC00993



DSC00994



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DSC00996



DSC00997



DSC00998



DSC00999



DSC01000



DSC01001



DSC01002



DSC01003



END