

Haslam Brow, Bury, Manchester

Visual Highway Condition Survey Report

784-A113188



Shaheen Developments

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1.0 INTRODUCTION

- 1.1 Tetra Tech [TT] have been commissioned by Shaheen Developments to carry out a visual inspection and identify defects along the existing highway network adjacent to a new residential property located on the access road Haslam Brow, adjacent to Bury CE high school, Manchester.
- 1.2 The survey is required to provide photographic evidence of the existing highway condition along routes which will be used in the near future, as primary delivery routes for the construction stage of the development.
- 1.3 The extent of the condition survey has been discussed with Bury Council, confirmed extents has been show in Figure 1- Survey Extents Plan.
- 1.4 The road condition survey was conducted on 01st February 2023.

2.0 BACKGROUND INFORMATION

Site Visit and Site Location

- 2.1.1 In order to establish the exact condition of the roads nearby, a site visit has been undertaken on the 1st February 2023.
- 2.1.2 The residential development is located approximately 1mile Northwest of Bury town centre. The site is a side road situated just off Manchester Old Road which runs parallel with the A56. The A56 is the main highway network which connects to Junction 17 of the M60 ring road.
- 2.1.3 A photographic survey of the existing highway condition was required along the following section of roads:
- **Haslam Brow:** from the junction with Manchester Old Road and Wells Street down the access road of Bury CE High School for approximately 104m.

2.1.4 The exact location and the survey extents are presented in Figure 1, below.



Figure 1 - Survey Extents

Survey Methodology

- 2.1.5 A visual inspection of the road was undertaken on foot. Photographs recording existing road condition were taken every 10 to 15m and at location of any specific defects that were present. The chainage was also recorded.
- 2.1.6 A secondary inspection was carried out by video recording of the road surface from the dash cam of the moving vehicle.

Weather Condition

- 2.1.7 The survey took place during cold, wet weather.

Defects Parameters

- 2.1.8 The defects recorded on the highway condition survey have a number of variations which include:
- Uneven road surface in longitudinal or transverse profiles
 - Variation in texture of the road surface (bleeding, crazing, surface deterioration)
 - Longitudinal and Transverse cracks
 - Edge deterioration
 - Subsidence/sunken road furniture
- 2.1.9 Complete descriptions and detailing have been detailed in the tables and illustrated within the array of photographs and video footage. All photographs have date and time stamps.

3.0 CONCLUSION

Summary of Results

3.1.1 Haslam Brow:

The road surface is in generally poor condition showing signs of major deformation particularly at the start of the junction with the side roads and the school entrance at the end of the survey. Various sections of the road are showing signs of fatigue. The narrow footway on the left-hand side lots of surface deterioration and damaged kerbs particularly at the mouths of driveways but did not continue for the whole of the survey. The road surfacing at the start and end of the survey is showing signs of degradation and should be monitored.

3.1.2 The generic and detailed photographs for this section are included in **Appendix A** along with relevant comments about the defect type and nature.

The road surfaces will continue to deteriorate further through normal use especially in the areas that are already affected.

APPENDICES

APPENDIX A – HASLAM BROW

	ROAD CONDITION SURVEYING FORM		
	FORM1: PAVEMENT DEFECTS		
	Project:	784-A113188	Date: 01/02/2023
	Road Name/Location:	B6214 Haslam Brow, Bury.	
	Surveyor(s):	Lewis Beattie	
	Chainage (m):	From: Point 1A (Ch.0m)	To: (Ch.25m)
	Remarks:		
Defect Type	Rut		
	Texture of Road Surface	Significant variation in texture of road surface at the junction with the main roads	
	Difference in Level: Longitudinal/Transverse Uneven road surface	Consistent potholes and failed patches present at the junction interface and the mouth of Haslam brow. The degradation continues down the lane at the start of the survey.	
	Cracking	Cracking along the road surface with sporadic potholes	
	Edge Deterioration		
	Others		

Generic and Defect Photographs







ROAD CONDITION SURVEYING FORM		
FORM1: PAVEMENT DEFECTS		
Project:	784-A113188	Date: 02.02.23
Road Name/Location:	B6214 Haslam Brow, Bury.	
Surveyor(s):	Lewis Beattie	
Chainage (m):	From: Haslam Brow (Ch.25m)	To: (Ch.50m)
Remarks:		
Defect Type	Rut	
	Texture of Road Surface	Significant variation in texture of road surface
	Difference in Level: Longitudinal/Transverse Uneven road surface	The footway and Northbound lane has suffered major deterioration potentially due to the heavy school traffic at peak times. Longitudinal failed patch on the right hand side of the carriageway
	Cracking	Cracking present on the carriageway
	Edge Deterioration	Major potholes on the footway at the entrance to the driveway. Major subsidence and degradation at the gateway entrance
	Others	

Generic and Defect Photographs





ROAD CONDITION SURVEYING FORM		
FORM1: PAVEMENT DEFECTS		
Project:	784-A113188	Date: 02.02.23
Road Name/Location:	B6214 Haslam Brow, Bury.	
Surveyor(s):	Lewis Beattie	
Chainage (m):	From: Haslam Brow (Ch.50m)	To: (Ch.75m)
Remarks:		
Defect Type	Rut	
	Texture of Road Surface	Significant variation in texture of road surface
	Difference in Level: Longitudinal/Transverse Uneven road surface	Uneven footway due to the major deformation and potholes on left hand side. Failed patches at the mouth of driveways.
	Cracking	Minimal cracking on the carriageway
	Edge Deterioration	Left channel showing major degradation
	Others	Leaves and debris on the footway and carriageway on the approach to the school

Generic and Defect Photographs



ROAD CONDITION SURVEYING FORM		
FORM1: PAVEMENT DEFECTS		
Project:	784-A113188	Date: 02.02.23
Road Name/Location:	B6214 Haslam Brow, Bury.	
Surveyor(s):	Lewis Beattie	
Chainage (m):	From: Haslam Brow (Ch.75m)	To: (Ch.104m)
Remarks:		
Defect Type	Rut	
	Texture of Road Surface	Left hand side of the lane showing major deformation with failed patches along the carriageway
	Difference in Level: Longitudinal/Transverse Uneven road surface	Uneven road surface on the carriageway with potholes forming on the approach to the school.
	Cracking	Transverse Cracking and crazing along the road surface indicating the patches need some attention.
	Edge Deterioration	Major surface deterioration and subsidence at the side road with potholes forming. Leaves and soil encroaching onto the carriageway
	Others	

Generic and Defect Photographs





	ROAD CONDITION SURVEYING FORM		
	FORM1: PAVEMENT DEFECTS		
	Project:	784-A113188	Date: 02.02.23
	Road Name/Location:	B6214 Haslam Brow, Bury.	
	Surveyor(s):	Lewis Beattie	
	Chainage (m):	From: Haslam Brow (Ch.75m)	To: (Ch.104m)
	Remarks:		
Defect Type	Rut		
	Texture of Road Surface	Uneven carriageway surface	
	Difference in Level: Longitudinal/Transverse Uneven road surface	Uneven road surface on the carriageway with potholes forming on the approach to the school.	
	Cracking	Transverse Cracking and crazing along the road surface indicating the patches need some attention.	
	Edge Deterioration	Major surface deterioration and subsidence at the side road with potholes forming. Leaves and soil encroaching onto the carriageway	
	Others		





