

Hoyland, Barnsley

VCS Report



Report for: Brampton House
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Moulton Park
Northampton
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Project: Hoyland, Barnsley

Job No: PTS21335-01

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Date	16/07/2021	16/07/2021	16/07/2021
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i. Executive Summary

This report describes the Visual Condition Survey of the Hoyland, Barnsley scheme. This can be identified on the site plan within Appendix A. The survey was undertaken in June 2021 in the daytime using a HD resolution video survey.

The report details the evaluation of the condition of the existing surface of the Hoyland, Barnsley scheme in accordance with CS 229.

The pavement surface is Thin Surfacing (TSSC). The pavement surface condition is variable throughout the individual sites. The pavement surface condition for Sheffield Road, Brentwood Close, Sandcroft Close, Beck Croft and Bluebell Close is generally in good condition with very few defects in small isolated areas. The pavement surface condition of the turn off by Shell Garage, Parkside Road, Pendlebury Grove, Parkside Road turnoff, Stead Lane, Warren View, Tankersley Lane and Black Lane is poor with large areas of defects including major and minor surface defectiveness, crazing and cracking, accompanied by many patch failures.

1. Introduction

Pavement Testing Services Limited was instructed by Ramboll to undertake a VCS survey on the Hoyland, Barnsley scheme.

The report details the evaluation of the pavement surface condition and defected areas.

1.1 Site

The Hoyland, Barnsley site surveyed is made up of thirteen sections (Appendix A):

- Sheffield Road - two-way single carriageway (1115m)
- Turn off by Shell - two-way single carriageway (30m)
- Parkside Road - two-way single carriageway (392m)
- Pendlebury Grove - two-way single carriageway (226m)
- Parkside Road turnoff - two-way single carriageway (54m)
- Stead Lane - two-way single carriageway (94m)
- Warren View - two-way single carriageway (55m)
- Brentwood Close - two-way single carriageway (78m)
- Sandcroft Close - two-way single carriageway (42m)
- Beck Croft - two-way single carriageway (50m)
- Bluebell Close - two-way single carriageway (151m)
- Tankersley Lane - two-way single carriageway (234m)
- Black Lane - two-way single carriageway (170m)

1.2 Investigation Details

The survey was carried out utilising a HD resolution video survey by driving down each of the carriageways in daytime working hours down all lanes. The video footage was then interpreted by PTS and results typed up on to site sheets (See Appendix B). A schematic of the defects was then produced (see Appendix C). A photograph album to reference the defects was then produced (see Appendix D).

2. Discussion

2.1 Overview

In June 2021, a VCS survey was carried out on the Hoyland, Barnsley scheme. It was undertaken in accordance with CS 229.

2.2 Observations of Sheffield Road

Observations during the VCS survey show that the surface type is Thin Surfacing (TSSC) and is generally in good condition. However, there are some small areas of major and minor surface defectiveness accompanied by two major cracks in various locations.

2.3 Observations of Turn off by Shell

Observations during the VCS survey show that the surface type is Thin Surfacing (TSSC) and is in poor condition. There are areas of major surface defectiveness and crazing accompanied by some major and minor cracking and an open longitudinal joint of moderate severity.

2.4 Observations of Parkside Road

Observations during the VCS survey show that the surface type is Thin Surfacing (TSSC) and is in poor condition. There are large areas of major surface defectiveness and major and minor crazing. There are also numerous patch failures and major and minor cracks. The road is most heavily defected between Ch. 200m-392m.

2.5 Observations of Pendlebury Grove

Observations during the VCS survey show that the surface type is Thin Surfacing (TSSC) and is generally in good condition. However, there are small areas of major surface defectiveness mainly between Ch. 0-60m of the section. There is also a larger area of major crazing around Ch. 160m.

2.6 Observations of Parkside Road Turnoff

Observations during the VCS survey show that the surface type is Thin Surfacing (TSSC) and is in poor condition. The majority of the section has major and minor surface defectiveness and numerous patch failures.

2.7 Observations of Stead Lane

Observations during the VCS survey show that the surface type is Thin Surfacing (TSSC) and is in poor condition. There is major and minor surface defectiveness throughout the section as well as a small area of major fatting at around Ch. 40m.

2.8 Observations of Warren View

Observations during the VCS survey show that the surface type is Thin Surfacing (TSSC) and is generally in poor condition. There are several areas of major and minor surface defectiveness spread across the section.

2.9 Observations of Brentwood Close

Observations during the VCS survey show that the surface type is Thin Surfacing (TSSC) and is in good condition, there is one small section of major surface defectiveness between Ch.1m -2m of the section.

2.10 Observations of Sandcroft Close

Observations during the VCS survey show that the surface type is Thin Surfacing (TSSC) and is in good condition with no defects being recorded.

2.11 Observations of Beck Croft

Observations during the VCS survey show that the surface type is Thin Surfacing (TSSC) and is generally in good condition however, there are isolated areas of minor crazing, minor cracking and minor surface defectiveness.

2.12 Observations of Bluebell Close

Observations during the VCS survey show that the surface type is Thin Surfacing (TSSC) and is in good condition however, there is minor cracking noted at Ch.18m and a major crack notes at Ch.122m.

2.13 Observations of Tankersley Lane

Observations during the VCS survey show that the surface type is Thin Surfacing (TSSC) and is in bad condition. Multiple defects are noted throughout the section from Ch.0m - 204m. Areas of major and minor surface defectiveness and major and minor crazing were noted throughout this part of the section. Areas of major cracking were also noted as well as numerous patch failures.

2.14 Observations of Black Lane

Observations during the VCS survey show that the surface type is Thin Surfacing (TSSC) and is in bad condition with major and minor surface defectiveness found throughout. Numerous patch failures were noted throughout the section; three major cracks were also noted at the following locations Ch.102m, Ch.117m an Ch.162m.

APPENDIX A

Site Location



Tankersley Lane

Black Lane

PLOT 1 OF 2



Legend

— VCS Survey



PAYMENT TESTING SERVICES LTD.
 Britania House, Rough Hey Road, Preston, PR2 5AR
 T: 01772 790999 E: info@ptsinternational.co.uk
 ptsinternational.co.uk

CLIENT: Brampton House
 19 Tanker Road
 Hoxton Park
 Northampton
 NN3 6PZ

PROJECT: PTS21335-01 Hoyland, Barnsley

TITLE: VCS Survey

SCALE: NTS	DRAWN: AK	APPROVED: SR
PROJECT NO: PTS21335-01	CHECKED: SR	DATE: May-21
DRAWING NO: PTS21335_DR01		REV: 1



PLOT 2 OF 2



Legend

— VCS Survey



PAYMENT TESTING SERVICES LTD.
 Britania House, Rough Hey Road, Preston, PR2 5AR
 T: 01772 790999 E: info@ptsinternational.co.uk
 ptsinternational.co.uk

CLIENT: Brampton House
 10 Tenker Road
 Houlston Park
 Northampton
 NN3 6PZ

PROJECT: PTS21335-01 Hoyland, Barnsley

TITLE: VCS Survey

SCALE: NTS	DRAWN: AK	APPROVED: SR
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PROJECT NO: PTS21335-01	CHECKED: SR	DATE: May-21
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DRAWING NO: PTS21335_DR02	REV: 1
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APPENDIX B

Site Sheets

VISUAL CONDITION SURVEY



Project				Direction	Job No.	Date			
Hoyland, Barnsley				SB	PTS21335-01	13/07/21			
Client		Contractor		Reference Section			Sheet No.		
Winvic		PTS		Sheffield Road			1 of 21		
Surveyor		Weather		GPS References			Length Surveyed		
AK		Dry		Start	E: 435569	N: 400146	1115m		
				End	E: 436235	N: 399266			
LANE	CHAINAGE (m)		LENGTH (m)	WIDTH (m)	AREA (m ²)	FEATURE / DEFECT	SEVERITY	LOCATION	PHOTO REF
	START	END							
CL1	0	1115	1115	3.65	4069.75	TSSC		F	1
CR1	0	1115	1115	3.65	4069.75	TSSC		F	
CR1	11		0.5	3.65	1.83	TC(1)	1	F	2
CR1	17	19	2	3.65	7.30	LOOPS		F	
CR1	20		0.5	0.50	0.25	I(MH)		R	
CR1	55	58	3	3.65	14.60	LOOPS		F	
CL1	71		0.5	0.50	0.25	SD(1)	1	L	3
CR1	81		0.5	0.50	0.25	I(MH)		R	
CL1	97		0.5	0.50	0.25	SD(1)	1	L	4
CR1	101	105	4	3.65	14.60	LOOPS		F	
CR1	124		0.5	0.50	0.25	I(G)		R	
CR1	133		0.5	0.50	0.25	I(MH)		R	
CR1	149		0.5	3.65	1.83	J		F	
CR1	160		0.5	3.65	1.83	J		F	
CL1	166		0.5	0.50	0.25	I(G)		L	
CL1	235		0.5	3.65	1.83	J		F	
CL1	235		0.5	0.50	0.25	I(G)		L	
CL1	237	238	1	1.00	1.00	I(MH)		L	
CR1	305		0.5	3.65	1.83	J		F	
CR1	373	375	2	1.00	2.00	I(MH)		R	
CL1	388		0.5	0.50	0.25	I(G)		L	
CR1	398		0.5	0.50	0.25	I(G)		R	
CL1	413		0.5	3.65	1.83	PA		F	
CL1	413	435	22	0.50	11.00	PA		L	
CR1	422		0.5	3.65	1.83	PA		F	
CL1	429	430	1	0.50	0.50	SD(1)	1	L	5
LANE	WIDTH(m)	LENGTH(m)	AREA(m ²)	CR(1)	0.00	SD(1)	0.50	MP	0.00
				CR(2)	0.00	SD(2)	0.00	POT	0.00
CL1	3.65	429.00	1565.85	CZ(1)	0.00	TC(1)	1.83	PF	0.00
CR1	3.65	429.00	1565.85	CZ(2)	0.00	TC(2)	0.00	TF	0.00
				FT(1)	0.00				
Total	7.30	858.00	3131.70	FT(2)	0.00				

SURFACE TYPE

TSSC - Thin surfacing surface course, HRA - Hot Rolled Asphalt, HFSC - High Friction surface course

FEATURES

PJ - Plug Joints, MJ - Mechanical Joints, L - Loops, J - Construction Joints, N - Nodes, I - Ironwork, Mp - Marker Posts

FLEXIBLE DEFECTS

CR - Cracking, TC - Transverse Crack, CZ - Cracking, FT - Fattening, PF - Patch Failure, PA - Patch, POT - Pot Hole,

TF - Trench Failure, SD - Surface Defectiveness, MP - Mud Pumping, Dep - Depression

LJ (O) - Open Joint N = Narrow M = Moderate W = Wide

LOCATION

L - Left WT, R - Right WT, B - Both WT's, N - Neither, F - Full Width.

SEVERITY

Severity 1 - Major, 2 - Minor

VISUAL CONDITION SURVEY



Project				Direction	Job No.		Date		
Hoyland, Barnsley				NB	PTS21335-01		13/07/21		
Client		Contractor		Reference Section			Sheet No.		
Winvic		PTS		Sheffield Road			2 of 21		
Surveyor		Weather		GPS References			Length Surveyed		
AK		Dry		Start	E: 436230	N: 399265	1115m		
				End	E: 435566	N: 400141			
LANE	CHAINAGE (m)		LENGTH (m)	WIDTH (m)	AREA (m ²)	FEATURE / DEFECT	SEVERITY	LOCATION	PHOTO REF
	START	END							
CR1	449	450	1	1.00	1.00	CR(1)	1	R	6
CL1	467		0.5	3.65	1.83	J		F	
CR1	471		0.5	0.50	0.25	I(G)		R	
CR1	471	479	8	0.50	4.00	SD(1)	1	R	7
CR1	479		0.5	3.65	1.83	J		F	
CL1	519		0.5	0.50	0.25	I(G)		L	
CR1	528		0.5	0.50	0.25	I(G)		R	
CR1	617	627	10	1.50	15.00	SD(1)	1	L	8
CR1	626		0.5	0.50	0.25	I(G)		R	
CL1	655	665	10	1.00	10.00	SD(2)	2	R	9
CR1	720		0.5	0.50	0.25	I(G)		R	
CR1	759		0.5	3.65	1.83	J		F	
CL1	762		0.5	3.65	1.83	J		F	
CR1	772		0.5	0.50	0.25	I(G)		R	
CR1	824		0.5	0.50	0.25	I(G)		R	
CL1	911		0.5	0.50	0.25	I(G)		L	
CR1	920		0.5	0.50	0.25	I(G)		R	
CR1	968		0.5	0.50	0.25	I(G)		R	
CR1	1013		0.5	0.50	0.25	I(G)		R	
CR1	1058		0.5	0.50	0.25	I(G)		R	
CR1	1062		0.5	3.65	1.83	PA		F	
CR1	1062		0.5	3.65	1.83	J		F	
CL1	1064		0.5	3.65	1.83	J		F	
CR1	1104		0.5	0.50	0.25	I(G)		R	
End of Survey @ 1115m									10
LANE	WIDTH(m)	LENGTH(m)	AREA(m ²)	CR(1)	1.00	SD(1)	19.00	MP	0.00
				CR(2)	0.00	SD(2)	10.00	POT	0.00
CL1	3.65	686.00	2503.90	CZ(1)	0.00	TC(1)	0.00	PF	0.00
CR1	3.65	686.00	2503.90	CZ(2)	0.00	TC(2)	0.00	TF	0.00
				FT(1)	0.00				
Total	7.30	1372.00	5007.80	FT(2)	0.00				

SURFACE TYPE

TSSC - Thin surfacing surface course, **HRA** - Hot Rolled Asphalt, **HFSC** - High Friction surface course

FEATURES

PJ - Plug Joints, **MJ** - Mechanical Joints, **L** - Loops, **J** - Construction Joints, **N** - Nodes, **I** - Ironwork, **Mp** - Marker Posts

FLEXIBLE DEFECTS

CR - Cracking, **TC** - Transverse Crack, **CZ** - Cracking, **FT** - Fattening, **PF** - Patch Failure, **PA** - Patch, **POT** - Pot Hole,

TF - Trench Failure, **SD** - Surface Defectiveness, **MP** - Mud Pumping, **Dep** - Depression

LJ (O) - Open Joint **N** = Narrow **M** = Moderate **W** = Wide

LOCATION

L - Left WT, **R** - Right WT, **B** - Both WT's, **N** - Neither, **F** - Full Width.

SEVERITY

Severity **1** - Major, **2** - Minor

VISUAL CONDITION SURVEY



Project				Direction	Job No.		Date		
Hoyland, Barnsley				EB	PTS21335-01		14/07/21		
Client		Contractor		Reference Section			Sheet No.		
Winvic		PTS		Parkside Road			4 of 21		
Surveyor		Weather		GPS References			Length Surveyed		
AK		Dry		Start	E: 435862	N: 399818	392m		
				End	E: 436134	N: 400059			
LANE	CHAINAGE (m)		LENGTH (m)	WIDTH (m)	AREA (m ²)	FEATURE / DEFECT	SEVERITY	LOCATION	PHOTO REF
	START	END							
CL1	0	392	392	3.65	1430.80	TSSC		F	18
CR1	0	392	392	3.65	1430.80	TSSC		F	
CL1	0	13	13	3.65	47.45	SD(1)	1	F	19
CL1	0	12	12	1.00	12.00	PA		L	
CR1	1	10	9	0.50	4.50	PA		R - N	
CR1	2	4	2	2.00	4.00	PA		R	
CL1	12	13	1	3.00	3.00	PA		L	
CL1	16	17	1	1.00	1.00	PF		R	
CL1	20		0.5	1.00	0.50	SD(1)	1	R	20
CR1	23		0.5	3.65	1.83	J		F	
CR1	74		0.5	0.50	0.25	SD(1)	1	L	21
CR1	79	122	3	0.50	1.50	SD(1)	1	L	22
CR1	108		0.5	0.50	0.25	I(G)		R	
CR1	136	137	1	1.00	1.00	SD(1)	1	L	23
CR1	139		0.5	0.50	0.25	I(G)		R	
CR1	142	147	5	3.65	18.25	SD(1)	1	F	24
CR1	154	157	3	1.00	3.00	SD(1)	1	L	25
CL1	172		0.5	3.65	1.83	J		F	
CL1	176		0.5	0.50	0.25	I(G)		L	
CL1	179		0.5	3.65	1.83	PJ		F	
CL1	182	183	1	0.50	0.50	CR(1)	1	L	26
CR1	182		0.5	3.65	1.83	PJ		F	
CR1	184	189	5	1.00	5.00	PA		R	
CR1	187	189	2	1.00	2.00	I(MH)		N	
CR1	189		0.5	0.50	0.25	I(G)		R	
CR1	190		0.5	0.50	0.25	I(G)		R	
LANE	WIDTH(m)	LENGTH(m)	AREA(m ²)	CR(1)	0.50	SD(1)	71.95	MP	0.00
				CR(2)	0.00	SD(2)	0.00	POT	0.00
CL1	3.65	190.00	693.50	CZ(1)	0.00	TC(1)	0.00	PF	1.00
CR1	3.65	190.00	693.50	CZ(2)	0.00	TC(2)	0.00	TF	0.00
				FT(1)	0.00				
Total	7.30	380.00	1387.00	FT(2)	0.00				

SURFACE TYPE

TSSC - Thin surfacing surface course, **HRA** - Hot Rolled Asphalt, **HFSC** - High Friction surface course

FEATURES

PJ - Plug Joints, **MJ** - Mechanical Joints, **L** - Loops, **J** - Construction Joints, **N** - Nodes, **I** - Ironwork, **Mp** - Marker Posts

FLEXIBLE DEFECTS

CR - Cracking, **TC** - Transverse Crack, **CZ** - Cracking, **FT** - Fattening, **PF** - Patch Failure, **PA** - Patch, **POT** - Pot Hole,

TF - Trench Failure, **SD** - Surface Defectiveness, **MP** - Mud Pumping, **Dep** - Depression

LJ (O) - Open Joint **N** = Narrow **M** = Moderate **W** = Wide

LOCATION

L - Left WT, **R** - Right WT, **B** - Both WT's, **N** - Neither, **F** - Full Width.

SEVERITY

Severity **1** - Major, **2** - Minor

VISUAL CONDITION SURVEY



Project				Direction	Job No.		Date		
Hoyland, Barnsley				EB	PTS21335-01		14/07/21		
Client		Contractor		Reference Section			Sheet No.		
Winvic		PTS		Parkside Road			5 of 21		
Surveyor		Weather		GPS References			Length Surveyed		
AK		Dry		Start	E: 435862	N: 399818	392m		
				End	E: 436134	N: 400059			
LANE	CHAINAGE (m)		LENGTH (m)	WIDTH (m)	AREA (m ²)	FEATURE / DEFECT	SEVERITY	LOCATION	PHOTO REF
	START	END							
CR1	190		0.5	3.65	1.83	J		F	
CL1	190	210	20	0.50	10.00	CR(2)	2	R	27
CL1	200		0.5	0.50	0.25	I(G)		L	
CR1	203	205	2	1.00	2.00	SD(1)	1	N	28
CR1	205		0.5	0.50	0.25	PF		N	
CR1	208		0.5	0.50	0.25	SD(1)	1	N	29
CL1	211	213	2	0.50	1.00	SD(1)	1	L	30
CL1	211	220	9	1.00	9.00	CZ(2)	2	L	30
CL1	211	217	6	2.00	12.00	SD(1)	1	R	30
CR1	213	237	24	3.65	87.60	CZ(2)	2	F	31
CL1	214	224	10	1.50	15.00	PF		R	
CL1	224		0.5	0.50	0.25	SD(1)	1	L	32
CL1	225		0.5	0.50	0.25	SD(1)	1	R	32
CL1	225	230	5	1.50	7.50	CR(1)	1	R	32
CL1	232	234	2	0.50	1.00	CR(1)	1	L	33
CL1	237	257	20	3.65	73.00	CZ(2)	2	F	34
CL1	238		0.5	0.50	0.25	I(G)		L	
CR1	238		0.5	0.50	0.25	I(G)		R	
CR1	244		0.5	1.00	0.50	TC(2)	2	N	35
CL1	257	260	3	0.50	1.50	CR(1)	1	L	36
CL1	257	259	2	0.50	1.00	SD(1)		L	36
CL1	258	259	1	0.50	0.50	PF		L	
CL1	268	275	7	0.50	3.50	CZ(2)	2	L	37
CL1	268	273	5	3.65	18.25	CR(2)	2	F	37
CL1	269	274	5	0.50	2.50	PA		L	
CL1	274		0.5	0.50	0.25	PA		R	
LANE	WIDTH(m)	LENGTH(m)	AREA(m ²)	CR(1)	10.00	SD(1)	16.75	MP	0.00
				CR(2)	28.25	SD(2)	0.00	POT	0.00
CL1	3.65	84.00	306.60	CZ(1)	0.00	TC(1)	0.00	PF	15.75
CR1	3.65	84.00	306.60	CZ(2)	173.10	TC(2)	0.50	TF	0.00
				FT(1)	0.00				
Total	7.30	168.00	613.20	FT(2)	0.00				

SURFACE TYPE

TSSC - Thin surfacing surface course, **HRA** - Hot Rolled Asphalt, **HFSC** - High Friction surface course

FEATURES

PJ - Plug Joints, **MJ** - Mechanical Joints, **L** - Loops, **J** - Construction Joints, **N** - Nodes, **I** - Ironwork, **Mp** - Marker Posts

FLEXIBLE DEFECTS

CR - Cracking, **TC** - Transverse Crack, **CZ** - Cracking, **FT** - Fattening, **PF** - Patch Failure, **PA** - Patch, **POT** - Pot Hole,

TF - Trench Failure, **SD** - Surface Defectiveness, **MP** - Mud Pumping, **Dep** - Depression

LJ (O) - Open Joint **N** = Narrow **M** = Moderate **W** = Wide

LOCATION

L - Left WT, **R** - Right WT, **B** - Both WT's, **N** - Neither, **F** - Full Width.

SEVERITY

Severity **1** - Major, **2** - Minor

VISUAL CONDITION SURVEY



Project				Direction	Job No.		Date		
Hoyland, Barnsley				EB	PTS21335-01		14/07/21		
Client		Contractor		Reference Section			Sheet No.		
Winvic		PTS		Parkside Road			6 of 21		
Surveyor		Weather		GPS References			Length Surveyed		
AK		Dry		Start	E: 435862	N: 399818	392m		
				End	E: 436134	N: 400059			
LANE	CHAINAGE (m)		LENGTH (m)	WIDTH (m)	AREA (m ²)	FEATURE / DEFECT	SEVERITY	LOCATION	PHOTO REF
	START	END							
CL1	274		0.5	1.00	0.50	SD(1)	1	R	38
CL1	275		0.5	3.65	1.83	PJ		F	
CR1	276		0.5	3.65	1.83	J		F	
CR1	277		0.5	0.50	0.25	PA		N	
CR1	278		0.5	3.65	1.83	TC(2)	2	F	39
CR1	285	286	1	1.00	1.00	I(MH)		L	
CR1	286	291	5	0.50	2.50	PA		R	
CL1	290	304	14	3.65	51.10	SD(1)	1	F	40
CL1	300	303	3	1.00	3.00	PF		L	
CR1	301	312	5	2.00	10.00	PF		L	
CL1	306	309	3	0.50	1.50	CZ(2)	2	R	41
CL1	308		0.5	0.50	0.25	PA		R	
CR1	312	321	9	0.50	4.50	SD(1)	1	L	42
CR1	312		0.5	3.65	1.83	J		F	
CL1	317	320	3	0.50	1.50	PF		N	
CL1	319	322	3	1.50	4.50	CZ(1)	1	R	43
CL1	320	323	3	1.00	3.00	PA		R	
CR1	321		0.5	3.65	1.83	J		F	
CL1	323	331	8	3.65	29.20	SD(1)	1	F	44
CL1	323	331	8	3.00	24.00	CZ(1)	1	R	44
CL1	323	331	8	3.00	24.00	PF		R	
CL1	329		0.5	0.50	0.25	I(MH)		N	
CL1	331		0.5	0.50	0.25	I(G)		L	
CL1	331		0.5	3.65	1.83	J		F	
CR1	332		0.5	0.50	0.25	I(G)		R	
CR1	333	348	15	1.00	15.00	CZ(1)	1	R	45
LANE	WIDTH(m)	LENGTH(m)	AREA(m ²)	CR(1)	0.00	SD(1)	85.30	MP	0.00
				CR(2)	0.00	SD(2)	0.00	POT	0.00
CL1	3.65	59.00	215.35	CZ(1)	43.50	TC(1)	0.00	PF	38.50
CR1	3.65	59.00	215.35	CZ(2)	1.50	TC(2)	1.83	TF	0.00
				FT(1)	0.00				
Total	7.30	118.00	430.70	FT(2)	0.00				

SURFACE TYPE

TSSC - Thin surfacing surface course, HRA - Hot Rolled Asphalt, HFSC - High Friction surface course

FEATURES

PJ - Plug Joints, MJ - Mechanical Joints, L - Loops, J - Construction Joints, N - Nodes, I - Ironwork, Mp - Marker Posts

FLEXIBLE DEFECTS

CR - Cracking, TC - Transverse Crack, CZ - Cracking, FT - Fattening, PF - Patch Failure, PA - Patch, POT - Pot Hole,

TF - Trench Failure, SD - Surface Defectiveness, MP - Mud Pumping, Dep - Depression

LJ (O) - Open Joint N = Narrow M = Moderate W = Wide

LOCATION

L - Left WT, R - Right WT, B - Both WT's, N - Neither, F - Full Width.

SEVERITY

Severity 1 - Major, 2 - Minor

VISUAL CONDITION SURVEY



Project				Direction	Job No.		Date		
Hoyland, Barnsley				EB	PTS21335-01		14/07/21		
Client		Contractor		Reference Section			Sheet No.		
Winvic		PTS		Parkside Road			7 of 21		
Surveyor		Weather		GPS References			Length Surveyed		
AK		Dry		Start	E: 435862	N: 399818	392m		
				End	E: 436134	N: 400059			
LANE	CHAINAGE (m)		LENGTH (m)	WIDTH (m)	AREA (m ²)	FEATURE / DEFECT	SEVERITY	LOCATION	PHOTO REF
	START	END							
CR1	337	341	4	1.50	6.00	PA		R	
CL1	339		0.5	3.65	1.83	J		F	
CL1	342	344	2	0.50	1.00	SD(2)	2	L	46
CL1	345	349	4	0.50	2.00	CR(1)	1	R	47
CL1	347	349	0.5	0.50	0.25	CZ(2)	2	N	
CR1	348	354	6	0.50	3.00	SD(1)	1	R	48
CR1	349	358	9	1.00	9.00	CZ(1)	1	L	49
CL1	349		0.5	0.50	0.25	PA		N	
CL1	351	355	4	0.50	2.00	CZ(1)	1	R	50
CL1	352		0.5	0.50	0.25	SD(1)	1	N	50
CL1	352	355	3	0.50	1.50	PF		R	
CR1	362	363	1	1.00	1.00	CZ(2)	2	R	51
CL1	363		0.5	0.50	0.25	PA		L	
CL1	363	365	2	1.50	3.00	CZ(1)	1	N	52
CL1	370	375	5	1.50	7.50	CZ(1)	1	R	53
CL1	371	375	4	1.00	4.00	PF		R	
CL1	374	376	2	0.50	1.00	CR(2)	2	L	53
CR1	374	375	1	1.00	1.00	I(MH)		R	
CR1	376	380	4	0.50	2.00	CZ(2)	2	R	54
CL1	378	392	14	2.50	35.00	CZ(1)		L	55
CL1	380	387	7	1.00	7.00	PA		L	
	387	392	5	1.00	5.00	TF		L - R	
End of Survey @ Ch. 392m									56
LANE	WIDTH(m)	LENGTH(m)	AREA(m ²)	CR(1)	2.00	SD(1)	3.25	MP	0.00
				CR(2)	1.00	SD(2)	1.00	POT	0.00
CL1	3.65	59.00	215.35	CZ(1)	56.50	TC(1)	0.00	PF	5.50
CR1	3.65	59.00	215.35	CZ(2)	3.25	TC(2)	0.00	TF	5.00
				FT(1)	0.00				
Total	7.30	118.00	430.70	FT(2)	0.00				

SURFACE TYPE

TSSC - Thin surfacing surface course, HRA - Hot Rolled Asphalt, HFSC - High Friction surface course

FEATURES

PJ - Plug Joints, MJ - Mechanical Joints, L - Loops, J - Construction Joints, N - Nodes, I - Ironwork, Mp - Marker Posts

FLEXIBLE DEFECTS

CR - Cracking, TC - Transverse Crack, CZ - Cracking, FT - Fattening, PF - Patch Failure, PA - Patch, POT - Pot Hole,

TF - Trench Failure, SD - Surface Defectiveness, MP - Mud Pumping, Dep - Depression

LJ (O) - Open Joint N = Narrow M = Moderate W = Wide

LOCATION

L - Left WT, R - Right WT, B - Both WT's, N - Neither, F - Full Width.

SEVERITY

Severity 1 - Major, 2 - Minor

VISUAL CONDITION SURVEY



Project				Direction	Job No.		Date		
Hoyland, Barnsley				EB	PTS21335-01		14/07/21		
Client		Contractor		Reference Section			Sheet No.		
Winvic		PTS		Pendlebury Grove			8 of 21		
Surveyor		Weather		GPS References			Length Surveyed		
AK		Dry		Start	E: 436141	N: 400058	226m		
				End	E: 436317	N: 399917			
LANE	CHAINAGE (m)		LENGTH (m)	WIDTH (m)	AREA (m ²)	FEATURE / DEFECT	SEVERITY	LOCATION	PHOTO REF
	START	END							
CL1	0	226	226	3.65	824.90	TSSC		F	57
CR1	0	226	226	3.65	824.90	TSSC		F	
CR1	0	3	3	1.00	3.00	PA		R	
CR1	1		0.5	0.50	1.83	I(G)		R	
CL1	2		0.5	3.65	1.83	J		F	
CL1	2	3	1	1.00	1.00	SD(1)	1	R	58
CR1	2		0.5	1.00	0.50	SD(1)	1	L	58
CR1	2		0.5	3.65	1.83	Trench		F	
CL1	4		0.5	0.50	0.25	I(G)		L	
CL1	6	7	1	1.00	1.00	I(MH)		N	
CL1	13		0.5	3.65	1.83	Trench		F	
CR1	14		0.5	3.65	1.83	Trench		F	
CL1	17	18	1	1.00	1.00	SD(1)	1	R	59
CL1	31		0.5	0.50	0.25	I(G)		L	
CR1	33		0.5	0.50	1.83	I(G)		R	
CR1	35	36	1	0.50	0.50	SD(1)	1	B	60
CL1	38		0.5	3.65	1.83	Trench		F	
CR1	38		0.5	3.65	1.83	Trench		F	
CL1	43		1	1.00	1.00	I(MH)		L	
CL1	46		0.5	3.65	1.83	Trench		F	
CR1	47		0.5	3.65	1.83	Trench		F	
CR1	55		0.5	0.50	1.83	I(G)		R	
CL1	58		0.5	3.65	1.83	J		F	
CL1	60		1	1.00	1.00	I(MH)		L	
CL1	68		0.5	0.50	0.25	I(G)		L	
CL1	72		0.5	3.65	1.83	Trench		F	
LANE	WIDTH(m)	LENGTH(m)	AREA(m ²)	CR(1)	0.00	SD(1)	3.00	MP	0.00
				CR(2)	0.00	SD(2)	0.00	POT	0.00
CL1	3.65	72.00	262.80	CZ(1)	0.00	TC(1)	0.00	PF	0.00
CR1	3.65	72.00	262.80	CZ(2)	0.00	TC(2)	0.00	TF	0.00
				FT(1)	0.00				
Total	7.30	144.00	525.60	FT(2)	0.00				

SURFACE TYPE

TSSC - Thin surfacing surface course, HRA - Hot Rolled Asphalt, HFSC - High Friction surface course

FEATURES

PJ - Plug Joints, MJ - Mechanical Joints, L - Loops, J - Construction Joints, N - Nodes, I - Ironwork, Mp - Marker Posts

FLEXIBLE DEFECTS

CR - Cracking, TC - Transverse Crack, CZ - Cracking, FT - Fattening, PF - Patch Failure, PA - Patch, POT - Pot Hole,

TF - Trench Failure, SD - Surface Defectiveness, MP - Mud Pumping, Dep - Depression

LJ (O) - Open Joint N = Narrow M = Moderate W = Wide

LOCATION

L - Left WT, R - Right WT, B - Both WT's, N - Neither, F - Full Width.

SEVERITY

Severity 1 - Major, 2 - Minor

VISUAL CONDITION SURVEY



Project				Direction	Job No.		Date		
Hoyland, Barnsley				EB	PTS21335-01		14/07/21		
Client		Contractor		Reference Section			Sheet No.		
Winvic		PTS		Pendlebury Grove			9 of 21		
Surveyor		Weather		GPS References			Length Surveyed		
AK		Dry		Start	E: 436141	N: 400058	226m		
				End	E: 436317	N: 399917			
LANE	CHAINAGE (m)		LENGTH (m)	WIDTH (m)	AREA (m ²)	FEATURE / DEFECT	SEVERITY	LOCATION	PHOTO REF
	START	END							
CR1	73		0.5	3.65	1.83	Trench		F	
CL1	86		0.5	0.50	0.25	I(G)		L	
CR1	88		0.5	0.50	1.83	I(G)		R	
CR1	101		1	1.00	1.00	I(MH)		N	
CL1	122		0.5	0.50	0.25	I(G)		L	
CL1	122		0.5	3.65	1.83	J		F	
CL1	128	130	2	2.00	4.00	PA		N	
CR1	126	128	2	1.00	2.00	PA		R	
CL1	138		0.5	3.65	1.83	J		F	
CL1	139		0.5	0.50	0.25	I(G)		L	
CR1	137	139	2	3.00	6.00	CZ(1)	1	L	61
CR1	139		0.5	1.00	0.50	SD(1)	1	L	61
CR1	140		0.5	3.65	1.83	J		F	
CR1	141		0.5	0.50	1.83	I(G)		R	
CL1	141		1	1.00	1.00	I(MH)		R	
Brickwork @ Ch. 142m to 147m									
CL1	160		0.5	0.50	0.25	I(G)		L	
CR1	161		0.5	0.50	1.83	I(G)		R	
CL1	183		0.5	0.50	0.25	I(G)		L	
CR1	187		0.5	3.65	1.83	J		F	
CR1	188		0.5	0.50	1.83	I(G)		R	
CL1	206		0.5	0.50	0.25	I(G)		L	
CR1	207		0.5	0.50	1.83	I(G)		R	
End of Survey @ Ch. 226m									62
LANE	WIDTH(m)	LENGTH(m)	AREA(m ²)	CR(1)	0.00	SD(1)	0.50	MP	0.00
				CR(2)	0.00	SD(2)	0.00	POT	0.00
CL1	3.65	154.00	562.10	CZ(1)	6.00	TC(1)	0.00	PF	0.00
CR1	3.65	154.00	562.10	CZ(2)	0.00	TC(2)	0.00	TF	0.00
				FT(1)	0.00				
Total	7.30	308.00	1124.20	FT(2)	0.00				

SURFACE TYPE

TSSC - Thin surfacing surface course, **HRA** - Hot Rolled Asphalt, **HFSC** - High Friction surface course

FEATURES

PJ - Plug Joints, **MJ** - Mechanical Joints, **L** - Loops, **J** - Construction Joints, **N** - Nodes, **I** - Ironwork, **Mp** - Marker Posts

FLEXIBLE DEFECTS

CR - Cracking, **TC** - Transverse Crack, **CZ** - Cracking, **FT** - Fattening, **PF** - Patch Failure, **PA** - Patch, **POT** - Pot Hole,

TF - Trench Failure, **SD** - Surface Defectiveness, **MP** - Mud Pumping, **Dep** - Depression

LJ (O) - Open Joint **N** = Narrow **M** = Moderate **W** = Wide

LOCATION

L - Left WT, **R** - Right WT, **B** - Both WT's, **N** - Neither, **F** - Full Width.

SEVERITY

Severity **1** - Major, **2** - Minor

VISUAL CONDITION SURVEY



Project				Direction	Job No.	Date			
Hoyland, Barnsley				EB	PTS21335-01	15/07/21			
Client		Contractor		Reference Section			Sheet No.		
Winvic		PTS		Parkside Road Turnoff			10 of 21		
Surveyor		Weather		GPS References			Length Surveyed		
AK		Dry		Start	E: 436028	N: 399957	54m		
				End	E: 436067	N: 399918			
LANE	CHAINAGE (m)		LENGTH (m)	WIDTH (m)	AREA (m ²)	FEATURE / DEFECT	SEVERITY	LOCATION	PHOTO REF
	START	END							
CL1	0	54	54	3.65	197.10	TSSC		F	63
CR1	0	54	54	3.65	197.10	TSSC		F	
CL1	1	3	2	1.00	2.00	PA		L	
CL1	7		0.5	3.65	1.83	J		F	
CR1	7		0.5	3.65	1.83	J		F	
CR1	7	39	32	3.65	116.80	SD(2)	2	F	64
CL1	7	39	32	3.65	116.80	SD(1)	1	F	65
CL1	15	18	3	1.00	3.00	PA		R	
CL1	17	23	5	0.50	2.50	PF		L	
CL1	21	35	14	1.00	14.00	PA		R	
CL1	24		0.5	3.65	1.83	PA		F	
CL1	26	31	5	1.00	5.00	PF		L	
CR1	28		0.5	3.65	1.83	PA		F	
CL1	44	47	3	1.00	3.00	SD(1)	1	R	66
CR1	51		0.5	0.50	0.25	SD(1)	1	L	67
CR1	51	53	2	2.00	4.00	PA		L	
End of Survey @ Ch. 54m									68
LANE	WIDTH(m)	LENGTH(m)	AREA(m ²)	CR(1)	0.00	SD(1)	120.05	MP	0.00
				CR(2)	0.00	SD(2)	116.80	POT	0.00
CL1	3.65	54.00	197.10	CZ(1)	0.00	TC(1)	0.00	PF	7.50
CR1	3.65	54.00	197.10	CZ(2)	0.00	TC(2)	0.00	TF	0.00
				FT(1)	0.00				
Total	7.30	108.00	394.20	FT(2)	0.00				

SURFACE TYPE

TSSC - Thin surfacing surface course, HRA - Hot Rolled Asphalt, HFSC - High Friction surface course

FEATURES

PJ - Plug Joints, MJ - Mechanical Joints, L - Loops, J - Construction Joints, N - Nodes, I - Ironwork, Mp - Marker Posts

FLEXIBLE DEFECTS

CR - Cracking, TC - Transverse Crack, CZ - Cracking, FT - Fattening, PF - Patch Failure, PA - Patch, POT - Pot Hole,

TF - Trench Failure, SD - Surface Defectiveness, MP - Mud Pumping, Dep - Depression

LJ (O) - Open Joint N = Narrow M = Moderate W = Wide

LOCATION

L - Left WT, R - Right WT, B - Both WT's, N - Neither, F - Full Width.

SEVERITY

Severity 1 - Major, 2 - Minor

VISUAL CONDITION SURVEY



Project				Direction	Job No.	Date			
Hoyland, Barnsley				NB	PTS21335-01	15/07/21			
Client		Contractor		Reference Section			Sheet No.		
Winvic		PTS		Stead Lane			11 of 21		
Surveyor		Weather		GPS References			Length Surveyed		
AK		Dry		Start	E: 436111	N: 399994	94m		
				End	E: 436107	N: 399900			
LANE	CHAINAGE (m)		LENGTH (m)	WIDTH (m)	AREA (m ²)	FEATURE / DEFECT	SEVERITY	LOCATION	PHOTO REF
	START	END							
CL1	0	51	51	3.65	186.15	TSSC		F	69
CR1	0	53	53	3.65	193.45	TSSC		F	
CL1	1	8	7	1.50	10.50	SD(1)	1	R	70
CR1	5	7	2	0.50	1.00	SD(1)	1	L	71
CR1	5		0.5	0.50	0.25	SD(1)	1	R	71
CR1	30		0.5	0.50	0.25	SD(1)	1	L	72
CL1	31		0.5	0.50	0.25	I(G)		L	
CR1	31		0.5	0.50	0.25	I(G)		R	
CR1	40	43	3	0.50	1.50	SD(1)	1	L	73
CL1	40	42	2	2.00	4.00	FT(1)	1	R	74
CR1	47	49	2	0.50	1.00	SD(1)	1	L	75
CR1	47	49	2	0.50	1.00	SD(2)	2	R	75
CL1	47	50	3	1.00	3.00	SD(1)	1	R	76
CL1	51		0.5	0.50	0.25	SD(1)	1	R	77
CL1	51		0.5	3.65	1.83	J		F	
CL1	51	94	94	3.65	343.10	HRA		F	
CR1	53		0.5	0.50	0.25	SD(1)	1	L	78
CR1	53		0.5	3.65	1.83	J		F	
CR1	53	86	33	1.50	49.50	SD(2)	2	R	79
CR1	53	94	41	3.65	149.65	HRA		F	
CL1	54	55	1	0.50	0.50	SD(2)	2	L	
CL1	60	61	1	1.00	1.00	I(MH)		N	
CL1	61		0.5	0.50	0.25	I(G)		L	
CR1	64		0.5	0.50	0.25	I(G)		R	
CR1	66	74	0.5	3.65	1.83	PA		L - R	
CR1	70		0.5	1.00	0.50	SD(1)	1	R	80
LANE	WIDTH(m)	LENGTH(m)	AREA(m ²)	CR(1)	0.00	SD(1)	18.50	MP	0.00
				CR(2)	0.00	SD(2)	51.00	POT	0.00
CL1	3.65	70.00	255.50	CZ(1)	0.00	TC(1)	0.00	PF	0.00
CR1	3.65	70.00	255.50	CZ(2)	0.00	TC(2)	0.00	TF	0.00
				FT(1)	4.00				
Total	7.30	140.00	511.00	FT(2)	0.00				

SURFACE TYPE

TSSC - Thin surfacing surface course, **HRA** - Hot Rolled Asphalt, **HFSC** - High Friction surface course

FEATURES

PJ - Plug Joints, **MJ** - Mechanical Joints, **L** - Loops, **J** - Construction Joints, **N** - Nodes, **I** - Ironwork, **Mp** - Marker Posts

FLEXIBLE DEFECTS

CR - Cracking, **TC** - Transverse Crack, **CZ** - Cracking, **FT** - Fattening, **PF** - Patch Failure, **PA** - Patch, **POT** - Pot Hole,

TF - Trench Failure, **SD** - Surface Defectiveness, **MP** - Mud Pumping, **Dep** - Depression

LJ (O) - Open Joint **N** = Narrow **M** = Moderate **W** = Wide

LOCATION

L - Left WT, **R** - Right WT, **B** - Both WT's, **N** - Neither, **F** - Full Width.

SEVERITY

Severity **1** - Major, **2** - Minor

VISUAL CONDITION SURVEY



Project				Direction	Job No.	Date			
Hoyland, Barnsley				SB	PTS21335-01	15/07/21			
Client		Contractor		Reference Section			Sheet No.		
Winvic		PTS		Bluebell Close			17 of 21		
Surveyor		Weather		GPS References			Length Surveyed		
AK		Dry		Start	E: 436284	N: 399951	151m		
				End	E: 436208	N: 399872			
LANE	CHAINAGE (m)		LENGTH (m)	WIDTH (m)	AREA (m ²)	FEATURE / DEFECT	SEVERITY	LOCATION	PHOTO REF
	START	END							
CL1	0	151	151	3.65	551.15	TSSC		F	96
CL1	0	1	1	1.00	1.00	I(MH)		R	
CL1	7		0.5	2.00	1.00	J		R	
CL1	7		0.5	0.50	0.25	I(G)		B	
CL1	18	23	5	0.50	2.50	CR(2)	2	N	97
CL1	29		0.5	0.50	0.25	I(G)		R	
CL1	32	33	1	1.00	1.00	I(MH)		N	
CL1	36	37	1	1.00	1.00	I(MH)		R	
CL1	44	45	1	1.00	1.00	I(MH)		N	
CL1	48		0.5	0.50	0.25	I(G)		B	
Survey gap @ Ch. 61m to 66m									
CL1	67	68	1	1.00	1.00	I(MH)		L	
CL1	68	69	1	1.00	1.00	I(MH)		N	
CL1	69		0.5	0.50	0.25	I(G)		L	
CL1	79	80	1	1.00	1.00	I(MH)		L	
CL1	82	83	1	1.00	1.00	I(MH)		L	
CL1	88		0.5	0.50	0.25	I(G)		B	
CL1	105		0.5	0.50	0.25	I(G)		B	
CL1	109	110	1	1.00	1.00	I(MH)		L	
CL1	116	117	1	1.00	1.00	I(MH)		L	
CL1	121		0.5	0.50	0.25	I(G)		L	
CL1	122		0.5	0.50	0.25	CR(1)	1	L	98
CL1	126		0.5	0.50	0.25	I(G)		L	
CL1	142	143	1	1.00	1.00	I(MH)		N	
End of Survey @ Ch. 151m									
LANE	WIDTH(m)	LENGTH(m)	AREA(m ²)	CR(1)	0.25	SD(1)	0.00	MP	0.00
				CR(2)	2.50	SD(2)	0.00	POT	0.00
CL1	3.65	146.00	532.90	CZ(1)	0.00	TC(1)	0.00	PF	0.00
				CZ(2)	0.00	TC(2)	0.00	TF	0.00
				FT(1)	0.00				
Total	3.65	146.00	532.90	FT(2)	0.00				

SURFACE TYPE

TSSC - Thin surfacing surface course, HRA - Hot Rolled Asphalt, HFSC - High Friction surface course

FEATURES

PJ - Plug Joints, MJ - Mechanical Joints, L - Loops, J - Construction Joints, N - Nodes, I - Ironwork, Mp - Marker Posts

FLEXIBLE DEFECTS

CR - Cracking, TC - Transverse Crack, CZ - Cracking, FT - Fattening, PF - Patch Failure, PA - Patch, POT - Pot Hole,

TF - Trench Failure, SD - Surface Defectiveness, MP - Mud Pumping, Dep - Depression

LJ (O) - Open Joint N = Narrow M = Moderate W = Wide

LOCATION

L - Left WT, R - Right WT, B - Both WT's, N - Neither, F - Full Width.

SEVERITY

Severity 1 - Major, 2 - Minor

VISUAL CONDITION SURVEY



Project				Direction	Job No.		Date		
Hoyland, Barnsley				WB	PTS21335-01		15/07/21		
Client		Contractor		Reference Section			Sheet No.		
Winvic		PTS		Tankersley Lane			18 of 21		
Surveyor		Weather		GPS References			Length Surveyed		
AK		Dry		Start	E: 434900	N: 399852	234m		
				End	E: 434841	N: 399673			
LANE	CHAINAGE (m)		LENGTH (m)	WIDTH (m)	AREA (m ²)	FEATURE / DEFECT	SEVERITY	LOCATION	PHOTO REF
	START	END							
CL1	0	234	234	3.65	854.10	TSSC		F	99
CR1	0	234	234	3.65	854.10	TSSC		F	
CL1	0	9	9	1.00	9.00	SD(1)	1	L	100
CL1	0	9	9	1.00	9.00	PF		L	
CR1	0	3	3	0.50	1.50	SD(1)	1	R	101
CR1	0	14	14	1.50	21.00	PF		R	
CL1	3		0.5	0.50	0.25	SD(1)	1	R	100
CR1	7		0.5	0.50	0.25	SD(1)	1	L	102
CL1	10	14	5	1.00	5.00	CZ(1)	1	R	103
CL1	15		0.5	2.00	1.00	TC(1)	1	L	104
CR1	15	20	5	1.50	7.50	CZ(2)	2	R	105
CL1	17	27	10	1.50	15.00	CZ(1)	1	L	106
CR1	20	30	10	2.50	25.00	PF		R	
CR1	21	35	14	2.50	35.00	CZ(1)	1	R	107
CR1	30		0.5	3.65	1.83	Trench		F	
CL1	31		0.5	3.65	1.83	Trench		F	
CL1	31	33	2	1.00	2.00	CZ(1)	1	R	108
CL1	32	33	1	1.00	1.00	CZ(2)	2	L	
CR1	36	38	2	1.50	3.00	CZ(1)	1	N	109
CL1	37	76	39	3.65	142.35	SD(1)	1	F	110
CL1	37	76	39	1.50	58.50	PF	1	L	
CR1	47	61	14	1.00	14.00	CZ(2)	2	R	111
CR1	51	53	2	1.00	2.00	PF		R	
CR1	52	54	2	1.00	2.00	SD(1)	1	R	112
CR1	61	66	5	2.00	10.00	CZ(1)	1	R	113
CR1	62	71	9	2.00	18.00	PF		R	
LANE	WIDTH(m)	LENGTH(m)	AREA(m ²)	CR(1)	0.00	SD(1)	155.35	MP	0.00
				CR(2)	0.00	SD(2)	0.00	POT	0.00
CL1	3.65	62.00	226.30	CZ(1)	70.00	TC(1)	1.00	PF	133.50
CR1	3.65	62.00	226.30	CZ(2)	22.50	TC(2)	0.00	TF	0.00
				FT(1)	0.00				
Total	7.30	124.00	452.60	FT(2)	0.00				

SURFACE TYPE

TSSC - Thin surfacing surface course, **HRA** - Hot Rolled Asphalt, **HFSC** - High Friction surface course

FEATURES

PJ - Plug Joints, **MJ** - Mechanical Joints, **L** - Loops, **J** - Construction Joints, **N** - Nodes, **I** - Ironwork, **Mp** - Marker Posts

FLEXIBLE DEFECTS

CR - Cracking, **TC** - Transverse Crack, **CZ** - Cracking, **FT** - Fattening, **PF** - Patch Failure, **PA** - Patch, **POT** - Pot Hole,

TF - Trench Failure, **SD** - Surface Defectiveness, **MP** - Mud Pumping, **Dep** - Depression

LJ (O) - Open Joint **N** = Narrow **M** = Moderate **W** = Wide

LOCATION

L - Left WT, **R** - Right WT, **B** - Both WT's, **N** - Neither, **F** - Full Width.

SEVERITY

Severity **1** - Major, **2** - Minor

VISUAL CONDITION SURVEY



Project				Direction	Job No.		Date		
Hoyland, Barnsley				WB	PTS21335-01		15/07/21		
Client		Contractor		Reference Section			Sheet No.		
Winvic		PTS		Tankersley Lane			19 of 21		
Surveyor		Weather		GPS References			Length Surveyed		
AK		Dry		Start	E: 434900	N: 399852	234m		
				End	E: 434841	N: 399673			
LANE	CHAINAGE (m)		LENGTH (m)	WIDTH (m)	AREA (m ²)	FEATURE / DEFECT	SEVERITY	LOCATION	PHOTO REF
	START	END							
CR1	71	86	15	1.00	15.00	CZ(1)	1	R	114
CR1	91	92	1	1.50	1.50	PF		R	
CR1	91	138	47	3.65	171.55	CZ(1)	1	F	115
CL1	104	108	4	0.50	2.00	SD(1)	1	L	116
CL1	109	117	8	1.00	8.00	SD(2)	2	R	
CR1	111	138	27	1.00	27.00	PF		N	
CR1	111	132	21	0.50	10.50	SD(1)	1	N	117
CR1	145	148	3	1.00	3.00	CZ(2)	2	R	118
CL1	154	165	11	1.00	11.00	SD(2)	2	N	119
CR1	162	165	3	1.00	3.00	CZ(1)	1	L	120
CL1	163	165	2	0.50	1.00	CZ(1)	1	R	121
CL1	169		0.5	0.50	0.25	I(G)		L	
CL1	171	181	10	0.50	5.00	PA		L	
CL1	176	178	2	0.50	1.00	CZ(2)	2	N	122
CL1	177		0.5	0.50	0.25	PF		N	
CR1	177	178	1	1.00	1.00	PF		N	
CL1	179	199	20	1.00	20.00	SD(2)	2	N	123
CL1	192	193	1	0.50	0.50	CR(1)	1	L	124
CL1	204		0.5	3.65	1.83	J		F	
CL1	204		0.5	1.00	0.50	CZ(2)	2	L	125
CR1	205		0.5	3.65	1.83	J		F	
CL1	206		0.5	0.50	0.25	I(G)		L	
CR1	223		0.5	3.65	1.83	J		F	
CL1	223		0.5	3.65	1.83	J		F	
End of Survey @ Ch. 234m									126
LANE	WIDTH(m)	LENGTH(m)	AREA(m ²)	CR(1)	0.50	SD(1)	12.50	MP	0.00
				CR(2)	0.00	SD(2)	39.00	POT	0.00
CL1	3.65	172.00	627.80	CZ(1)	190.55	TC(1)	0.00	PF	29.75
CR1	3.65	172.00	627.80	CZ(2)	4.50	TC(2)	0.00	TF	0.00
				FT(1)	0.00				
Total	7.30	344.00	1255.60	FT(2)	0.00				

SURFACE TYPE

TSSC - Thin surfacing surface course, HRA - Hot Rolled Asphalt, HFSC - High Friction surface course

FEATURES

PJ - Plug Joints, MJ - Mechanical Joints, L - Loops, J - Construction Joints, N - Nodes, I - Ironwork, Mp - Marker Posts

FLEXIBLE DEFECTS

CR - Cracking, TC - Transverse Crack, CZ - Cracking, FT - Fattening, PF - Patch Failure, PA - Patch, POT - Pot Hole,

TF - Trench Failure, SD - Surface Defectiveness, MP - Mud Pumping, Dep - Depression

LJ (O) - Open Joint N = Narrow M = Moderate W = Wide

LOCATION

L - Left WT, R - Right WT, B - Both WT's, N - Neither, F - Full Width.

SEVERITY

Severity 1 - Major, 2 - Minor

VISUAL CONDITION SURVEY



Project				Direction	Job No.		Date		
Hoyland, Barnsley				SB	PTS21335-01		15/07/21		
Client		Contractor		Reference Section			Sheet No.		
Winvic		PTS		Black Lane			20 of 21		
Surveyor		Weather		GPS References			Length Surveyed		
AK		Dry		Start	E: 434838	N: 399672	170m		
				End	E: 434939	N: 399554			
LANE	CHAINAGE (m)		LENGTH (m)	WIDTH (m)	AREA (m ²)	FEATURE / DEFECT	SEVERITY	LOCATION	PHOTO REF
	START	END							
CL1	0	170	170	3.65	620.50	TSSC		F	127
CR1	0	20	20	3.65	73.00	TSSC		F	
CL1	0	3	3	3.65	10.95	SD(2)	2	F	128
CR1	0		0.5	0.50	0.25	I(G)		N	
CR1	1	4	3	0.50	1.50	SD(1)	1	R	129
CR1	1	3	2	1.00	2.00	PF		R	
CR1	6	10	4	1.50	6.00	PA		R	
CL1	7		0.5	0.50	0.25	SD(1)	1	N	130
CL1	11	15	0.5	3.65	1.83	Trench		L - R	
CL1	19		0.5	0.50	0.25	I(G)		R	
CL1	19		0.7	0.70	0.49	PA		R	
CR1	15	20	0.5	3.65	1.83	Trench		L - R	
CR1	20		0.5	0.50	0.25	I(G)		R	
Two lanes merge into single lane @ Ch. 20m									
CL1	24	43	19	3.65	69.35	SD(2)	2	F	131
CL1	45		0.5	3.65	1.83	J		F	
CL1	45	58	13	1.00	13.00	PF		B	
CL1	45	58	13	1.00	13.00	SD(1)	1	B	132
CL1	58	75	17	1.00	17.00	SD(1)	1	L	133
CL1	58	75	17	1.00	17.00	PF		L	
CL1	79	99	20	3.65	73.00	SD(1)	1	F	134
CL1	79	99	20	1.00	20.00	PF		B	
CL1	99	107	8	0.50	4.00	SD(1)	1	R	135
CL1	100		0.5	0.50	0.25	PA		L	
CL1	102	112	10	0.50	5.00	CR(1)	1	L	136
CL1	117	118	1	0.50	0.50	CR(1)	1	L	137
LANE	WIDTH(m)	LENGTH(m)	AREA(m ²)	CR(1)	5.50	SD(1)	108.75	MP	0.00
				CR(2)	0.00	SD(2)	80.30	POT	0.00
CL1	3.65	20.00	73.00	CZ(1)	0.00	TC(1)	0.00	PF	52.00
CR1	3.65	117.00	427.05	CZ(2)	0.00	TC(2)	0.00	TF	0.00
				FT(1)	0.00				
Total	7.30	137.00	500.05	FT(2)	0.00				

SURFACE TYPE

TSSC - Thin surfacing surface course, HRA - Hot Rolled Asphalt, HFSC - High Friction surface course

FEATURES

PJ - Plug Joints, MJ - Mechanical Joints, L - Loops, J - Construction Joints, N - Nodes, I - Ironwork, Mp - Marker Posts

FLEXIBLE DEFECTS

CR - Cracking, TC - Transverse Crack, CZ - Cracking, FT - Fattening, PF - Patch Failure, PA - Patch, POT - Pot Hole,

TF - Trench Failure, SD - Surface Defectiveness, MP - Mud Pumping, Dep - Depression

LJ (O) - Open Joint N = Narrow M = Moderate W = Wide

LOCATION

L - Left WT, R - Right WT, B - Both WT's, N - Neither, F - Full Width.

SEVERITY

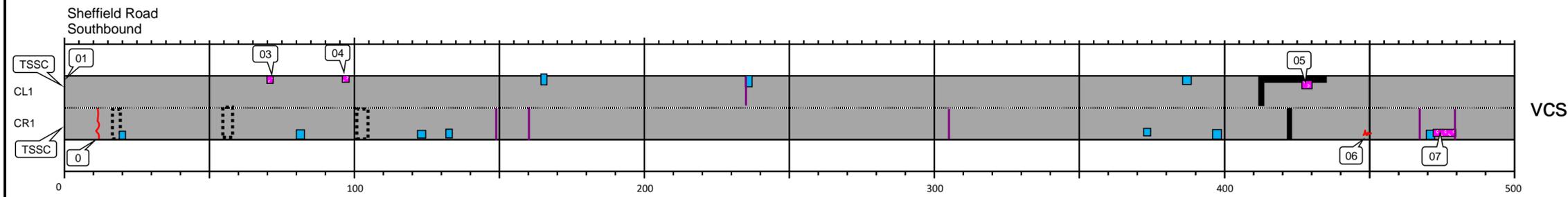
Severity 1 - Major, 2 - Minor

APPENDIX C

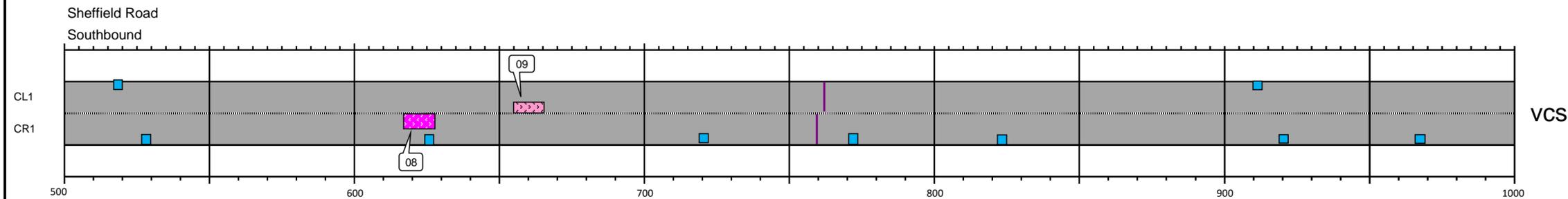
Schematics

Winvic Construction Ltd

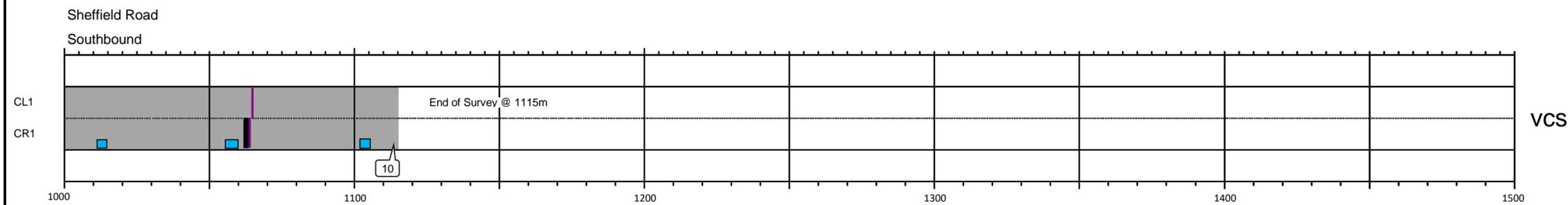
Not to scale - for illustrative purposes only



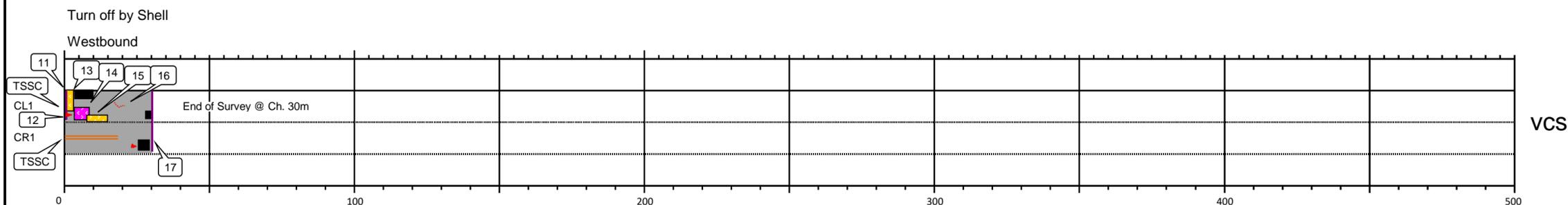
VCS



VCS



VCS



VCS

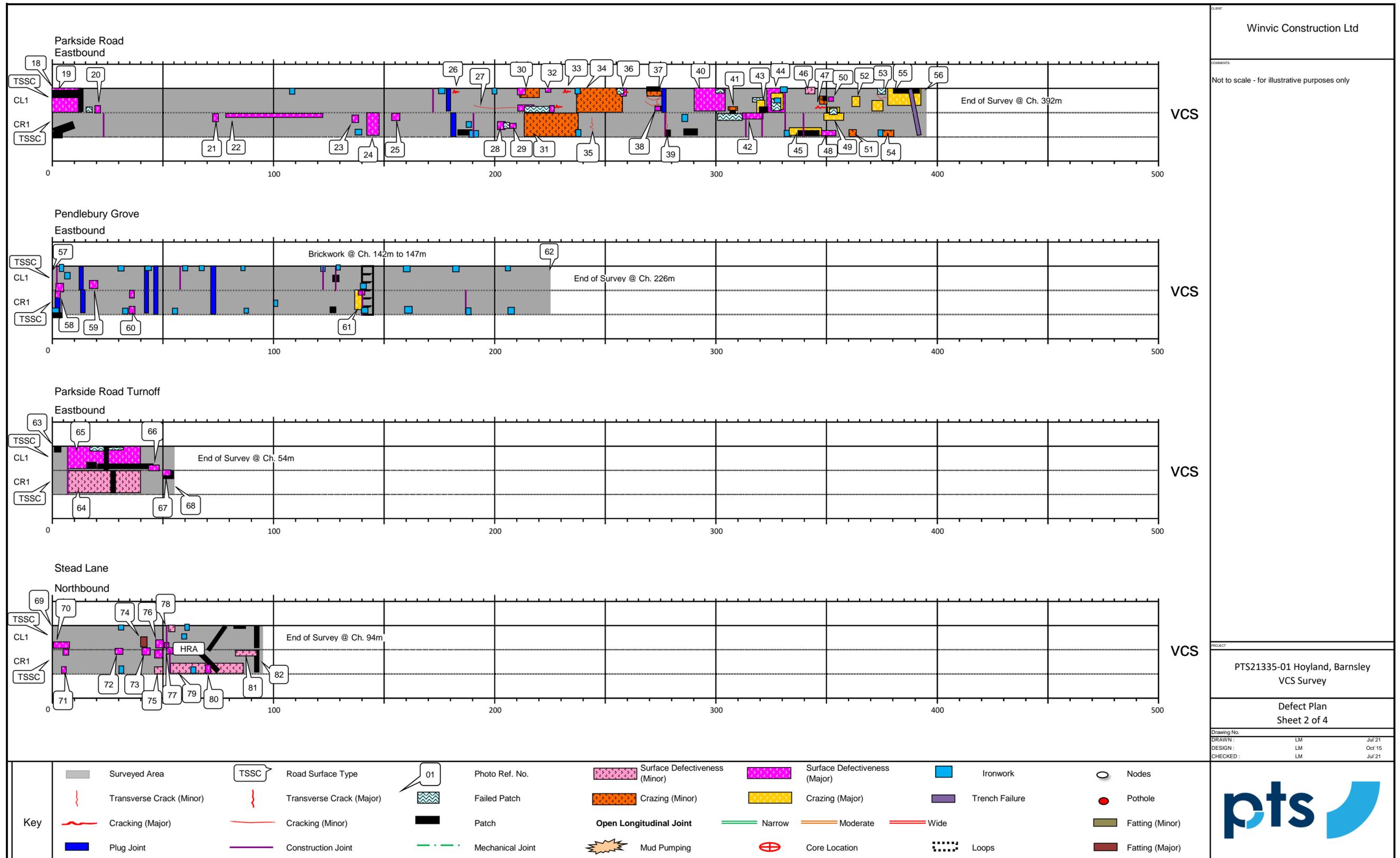
PTS21335-01 Hoyland, Barnsley
VCS Survey

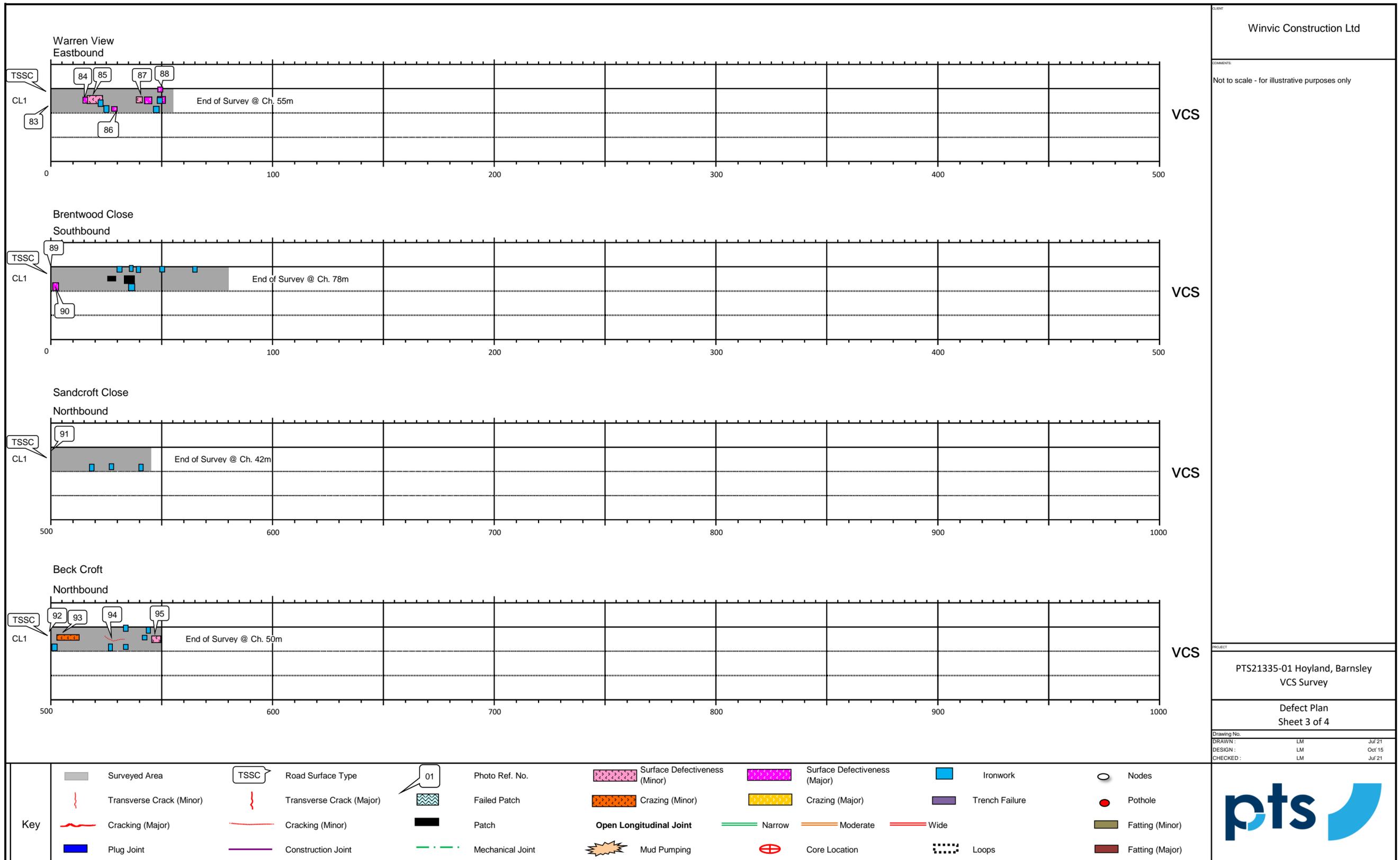
Defect Plan
Sheet 1 of 4

Drawing No. LM Jul 21
DESIGN : LM Oct 15
CHECKED : LM Jul 21

Key	Surveyed Area	Road Surface Type	Photo Ref. No.	Surface Defectiveness (Minor)	Surface Defectiveness (Major)	Ironwork	Nodes
	Transverse Crack (Minor)	Transverse Crack (Major)	Failed Patch	Cracking (Minor)	Cracking (Major)	Trench Failure	Pothole
	Cracking (Major)	Cracking (Minor)	Patch	Open Longitudinal Joint - Narrow	Open Longitudinal Joint - Moderate	Open Longitudinal Joint - Wide	Fattening (Minor)
	Plug Joint	Construction Joint	Mechanical Joint	Mud Pumping	Core Location	Loops	Fattening (Major)







Winvic Construction Ltd

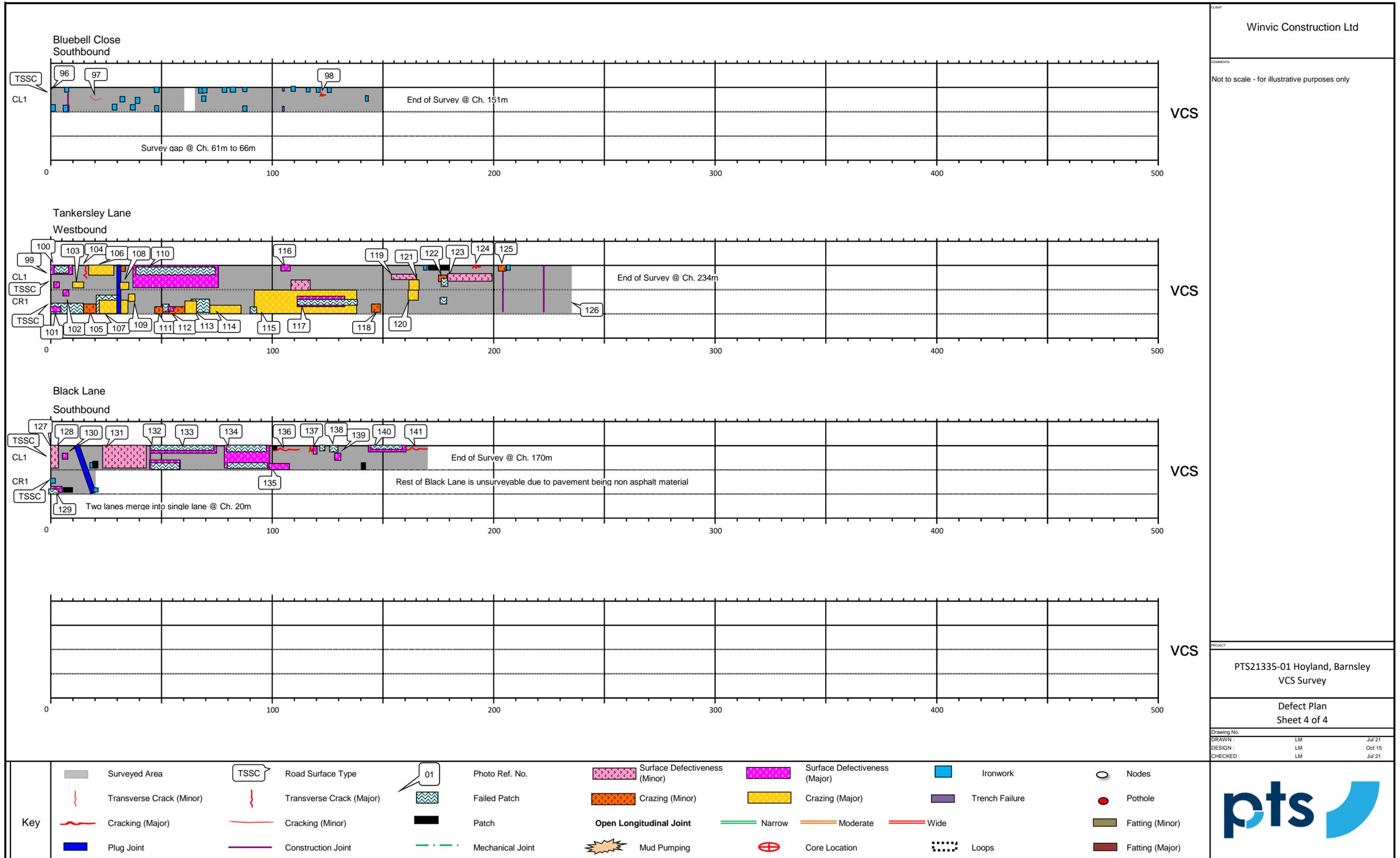
Not to scale - for illustrative purposes only

PTS21335-01 Hoyland, Barnsley
VCS Survey

Defect Plan
Sheet 3 of 4

Drawing No. LM Jul 21
DESIGN: LM Oct 15
CHECKED: LM Jul 21





APPENDIX D

Photographs

Hoyland, Barnsley VCS Survey

Photo Ref : 1

Section : Sheffield Road

Chainage : 0m

Feature / Defect : Start of Survey



Photo Ref : 2

Section : Sheffield Road

Chainage : 11m

Feature / Defect : Major Transverse Cracking



Hoyland, Barnsley VCS Survey

Photo Ref : 3

Section : Sheffield Road

Chainage : 71m

Feature / Defect : Major Surface Defectiveness



Photo Ref : 4

Section : Sheffield Road

Chainage : 97m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 5

Section : Sheffield Road

Chainage : 429m

Feature / Defect : Major Surface Defectiveness



Photo Ref : 6

Section : Sheffield Road

Chainage : 449m

Feature / Defect : Major Cracking



Hoyland, Barnsley VCS Survey

Photo Ref : 7

Section : Sheffield Road

Chainage : 471m

Feature / Defect : Major Surface Defectiveness



Photo Ref : 8

Section : Sheffield Road

Chainage : 617m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 9

Section : Sheffield Road

Chainage : 655m

Feature / Defect : Minor Surface Defectiveness



Photo Ref : 10

Section : Sheffield Road

Chainage : 1115m

Feature / Defect : End of Survey



Hoyland, Barnsley VCS Survey

Photo Ref : 11	Section : Turn off by Shell
Chainage : 0m	Feature / Defect : Start of Survey



Photo Ref : 12	Section : Turn off by Shell
Chainage : 0m	Feature / Defect : Major Cracking



Hoyland, Barnsley VCS Survey

Photo Ref : 13

Section : Turn off by Shell

Chainage : 0m

Feature / Defect : Major Cracking



Photo Ref : 14

Section : Turn off by Shell

Chainage : 4m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 15

Section : Turn off by Shell

Chainage : 8m

Feature / Defect : Major Cracking



Photo Ref : 16

Section : Turn off by Shell

Chainage : 19m

Feature / Defect : Minor Cracking



Hoyland, Barnsley VCS Survey

Photo Ref : 17

Section : Turn off by Shell

Chainage : 30m

Feature / Defect : End of Survey



Photo Ref : 18

Section : Parkside Road

Chainage : 0m

Feature / Defect : Start of Survey



Hoyland, Barnsley VCS Survey

Photo Ref : 19

Section : Parkside Road

Chainage : 0m

Feature / Defect : Major Surface Defectiveness



Photo Ref : 20

Section : Parkside Road

Chainage : 20m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 21

Section : Parkside Road

Chainage : 74m

Feature / Defect : Major Surface Defectiveness



Photo Ref : 22

Section : Parkside Road

Chainage : 79m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 23

Section : Parkside Road

Chainage : 136m

Feature / Defect : Major Surface Defectiveness



Photo Ref : 24

Section : Parkside Road

Chainage : 142m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 25	Section : Parkside Road
Chainage : 154m	Feature / Defect : Major Surface Defectiveness



Photo Ref : 26	Section : Parkside Road
Chainage : 182m	Feature / Defect : Major Cracking



Hoyland, Barnsley VCS Survey

Photo Ref : 27

Section : Parkside Road

Chainage : 190m

Feature / Defect : Minor Cracking



Photo Ref : 28

Section : Parkside Road

Chainage : 203m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 29

Section : Parkside Road

Chainage : 208m

Feature / Defect : Major Surface Defectiveness



Photo Ref : 30

Section : Parkside Road

Chainage : 211m

Feature / Defect : Major Surface Defectiveness, Minor Cracking



Hoyland, Barnsley VCS Survey

Photo Ref : 31	Section : Parkside Road
Chainage : 213m	Feature / Defect : Minor Cracking



Photo Ref : 32	Section : Parkside Road
Chainage : 224m	Feature / Defect : Major Surface Defectiveness, Major Cracking



Hoyland, Barnsley VCS Survey

Photo Ref : 33

Section : Parkside Road

Chainage : 232m

Feature / Defect : Major Cracking



Photo Ref : 34

Section : Parkside Road

Chainage : 237m

Feature / Defect : Minor Cracking



Hoyland, Barnsley VCS Survey

Photo Ref : 35

Section : Parkside Road

Chainage : 244m

Feature / Defect : Minor Transverse Cracking



Photo Ref : 36

Section : Parkside Road

Chainage : 257m

Feature / Defect : Major Cracking, Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 37

Section : Parkside Road

Chainage : 268m

Feature / Defect : Minor Craziing,Minor Cracking



Photo Ref : 38

Section : Parkside Road

Chainage : 274m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 39

Section : Parkside Road

Chainage : 278m

Feature / Defect : Minor Transverse Cracking



Photo Ref : 40

Section : Parkside Road

Chainage : 290m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 41

Section : Parkside Road

Chainage : 306m

Feature / Defect : Minor Cracking



Photo Ref : 42

Section : Parkside Road

Chainage : 312m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 43

Section : Parkside Road

Chainage : 319m

Feature / Defect : Major Cracking



Photo Ref : 44

Section : Parkside Road

Chainage : 323m

Feature / Defect : Major Surface Defectiveness, Major Cracking



Hoyland, Barnsley VCS Survey

Photo Ref : 45

Section : Parkside Road

Chainage : 333m

Feature / Defect : Major Cracking



Photo Ref : 46

Section : Parkside Road

Chainage : 342m

Feature / Defect : Minor Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 47

Section : Parkside Road

Chainage : 345m

Feature / Defect : Major Cracking



Photo Ref : 48

Section : Parkside Road

Chainage : 348m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 49

Section : Parkside Road

Chainage : 349m

Feature / Defect : Major Cracking



Photo Ref : 50

Section : Parkside Road

Chainage : 351m

Feature / Defect : Major Cracking, Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 51

Section : Parkside Road

Chainage : 362m

Feature / Defect : Minor Cracking



Photo Ref : 52

Section : Parkside Road

Chainage : 363m

Feature / Defect : Major Cracking



Hoyland, Barnsley VCS Survey

Photo Ref : 53

Section : Parkside Road

Chainage : 370m

Feature / Defect : Major Cracking



Photo Ref : 54

Section : Parkside Road

Chainage : 376m

Feature / Defect : Minor Cracking



Hoyland, Barnsley VCS Survey

Photo Ref : 55	Section : Parkside Road
Chainage : 378m	Feature / Defect : Major Cracking



Photo Ref : 56	Section : Parkside Road
Chainage : 392m	Feature / Defect : End of Survey



Hoyland, Barnsley VCS Survey

Photo Ref : 57

Section : Pendlebury Grove

Chainage : 0m

Feature / Defect : Start of Survey



Photo Ref : 58

Section : Pendlebury Grove

Chainage : 2m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 59	Section : Pendlebury Grove
Chainage : 17m	Feature / Defect : Major Surface Defectiveness



Photo Ref : 60	Section : Pendlebury Grove
Chainage : 35m	Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 61

Section : Pendlebury Grove

Chainage : 137m

Feature / Defect : Major Cracking, Major Surface Defectiveness



Photo Ref : 62

Section : Pendlebury Grove

Chainage : 226m

Feature / Defect : End of Survey



Hoyland, Barnsley VCS Survey

Photo Ref : 63

Section : Parkside Road Turnoff

Chainage : 0m

Feature / Defect : Start of Survey



Photo Ref : 64

Section : Parkside Road Turnoff

Chainage : 7m

Feature / Defect : Minor Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 65

Section : Parkside Road Turnoff

Chainage : 7m

Feature / Defect : Major Surface Defectiveness



Photo Ref : 66

Section : Parkside Road Turnoff

Chainage : 44m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 67

Section : Parkside Road Turnoff

Chainage : 51m

Feature / Defect : Major Surface Defectiveness



Photo Ref : 68

Section : Parkside Road Turnoff

Chainage : 51m

Feature / Defect : End of Survey



Hoyland, Barnsley VCS Survey

Photo Ref : 69

Section : Stead Lane

Chainage : 0m

Feature / Defect : Start of Survey



Photo Ref : 70

Section : Stead Lane

Chainage : 1m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 71	Section : Stead Lane
Chainage : 5m	Feature / Defect : Major Surface Defectiveness



Photo Ref : 72	Section : Stead Lane
Chainage : 30m	Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 73	Section : Stead Lane
Chainage : 40m	Feature / Defect : Major Surface Defectiveness



Photo Ref : 74	Section : Stead Lane
Chainage : 40m	Feature / Defect : Major Fatting



Hoyland, Barnsley VCS Survey

Photo Ref : 75	Section : Stead Lane
Chainage : 47m	Feature / Defect : Major Surface Defectiveness, Minor Surface Defectiveness



Photo Ref : 76	Section : Stead Lane
Chainage : 47m	Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 77

Section : Stead Lane

Chainage : 51m

Feature / Defect : Major Surface Defectiveness



Photo Ref : 78

Section : Stead Lane

Chainage : 53m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 79

Section : Stead Lane

Chainage : 53m

Feature / Defect : Minor Surface Defectiveness



Photo Ref : 80

Section : Stead Lane

Chainage : 70m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 81

Section : Stead Lane

Chainage : 83m

Feature / Defect : Minor Surface Defectiveness



Photo Ref : 82

Section : Stead Lane

Chainage : 94m

Feature / Defect : End of Survey



Hoyland, Barnsley VCS Survey

Photo Ref : 83

Section : Warren View

Chainage : 0m

Feature / Defect : Start of Survey

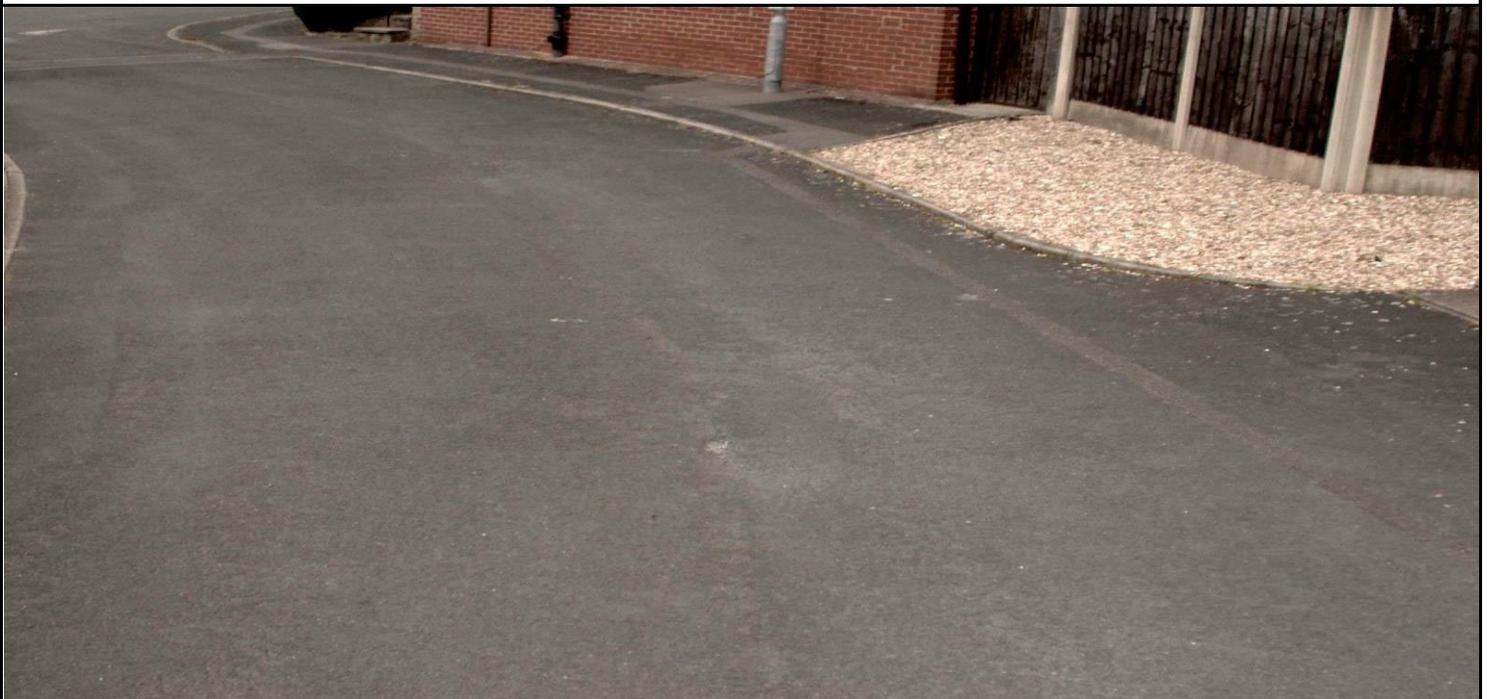


Photo Ref : 84

Section : Warren View

Chainage : 16m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 85

Section : Warren View

Chainage : 16m

Feature / Defect : Minor Surface Defectiveness



Photo Ref : 86

Section : Warren View

Chainage : 29m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 87	Section : Warren View
Chainage : 40m	Feature / Defect : Minor Surface Defectiveness, Major Surface Defectiveness



Photo Ref : 88	Section : Warren View
Chainage : 49m	Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 89

Section : Brentwood Close

Chainage : 0m

Feature / Defect : Start of Survey



Photo Ref : 90

Section : Brentwood Close

Chainage : 1m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 91

Section : Sandcroft Close

Chainage : 0m

Feature / Defect : Start of Survey



Photo Ref : 92

Section : Beck Croft

Chainage : 0m

Feature / Defect : Start of Survey



Hoyland, Barnsley VCS Survey

Photo Ref : 93

Section : Beck Croft

Chainage : 3m

Feature / Defect : Minor Cracking



Photo Ref : 94

Section : Beck Croft

Chainage : 24m

Feature / Defect : Minor Cracking



Hoyland, Barnsley VCS Survey

Photo Ref : 95

Section : Beck Croft

Chainage : 46m

Feature / Defect : Minor Surface Defectiveness

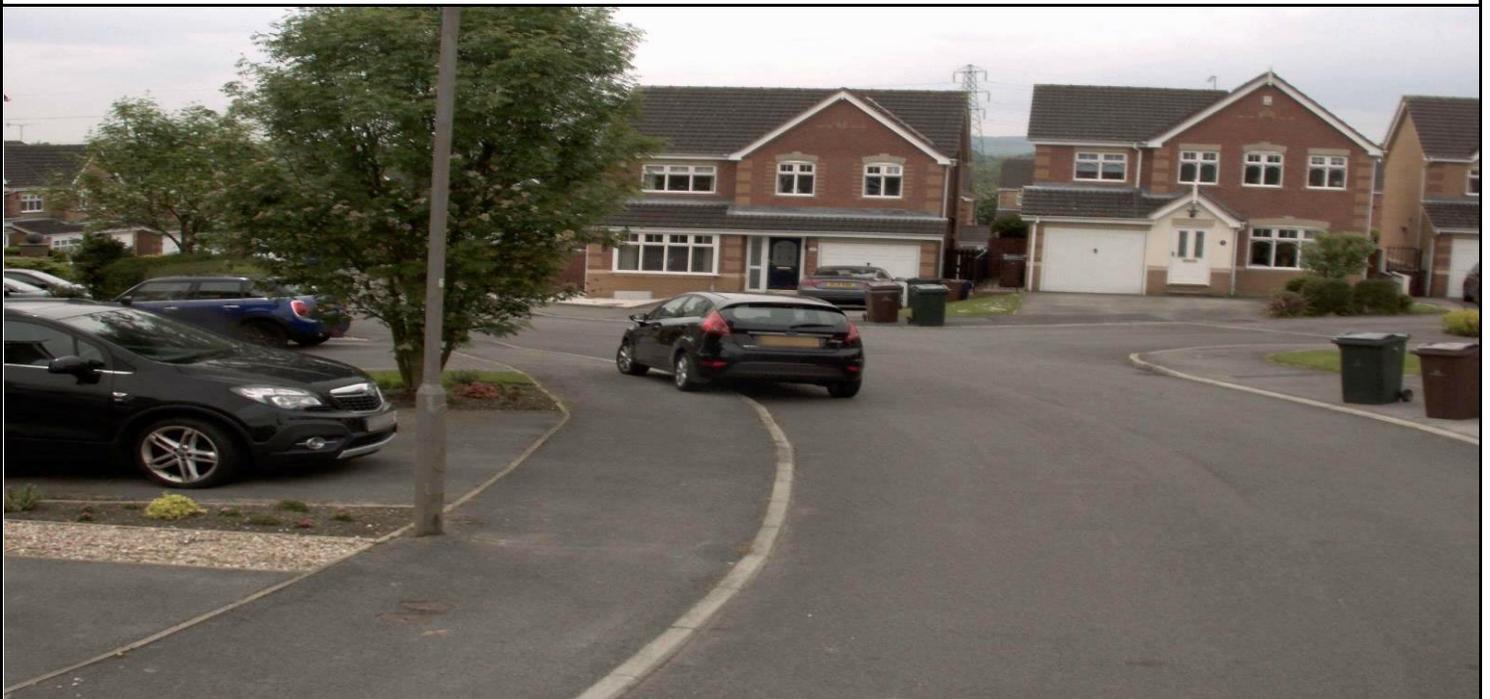


Photo Ref : 96

Section : Bluebell Close

Chainage : 0m

Feature / Defect : Start of Survey



Hoyland, Barnsley VCS Survey

Photo Ref : 97

Section : Bluebell Close

Chainage : 18m

Feature / Defect : Minor Cracking



Photo Ref : 98

Section : Bluebell Close

Chainage : 122m

Feature / Defect : Major Cracking



Hoyland, Barnsley VCS Survey

Photo Ref : 99

Section : Tankersley Lane

Chainage : 0m

Feature / Defect : Start of Survey



Photo Ref : 100

Section : Tankersley Lane

Chainage : 0m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 101	Section : Tankersley Lane
Chainage : 0m	Feature / Defect : Major Surface Defectiveness



Photo Ref : 102	Section : Tankersley Lane
Chainage : 7m	Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 103	Section : Tankersley Lane
Chainage : 10m	Feature / Defect : Major Cracking



Photo Ref : 104	Section : Tankersley Lane
Chainage : 15m	Feature / Defect : Major Transverse Cracking



Hoyland, Barnsley VCS Survey

Photo Ref : 105

Section : Tankersley Lane

Chainage : 15m

Feature / Defect : Minor Cracking



Photo Ref : 106

Section : Tankersley Lane

Chainage : 17m

Feature / Defect : Major Cracking



Hoyland, Barnsley VCS Survey

Photo Ref : 107

Section : Tankersley Lane

Chainage : 21m

Feature / Defect : Major Cracking



Photo Ref : 108

Section : Tankersley Lane

Chainage : 31m

Feature / Defect : Major Cracking



Hoyland, Barnsley VCS Survey

Photo Ref : 109

Section : Tankersley Lane

Chainage : 36m

Feature / Defect : Major Cracking



Photo Ref : 110

Section : Tankersley Lane

Chainage : 37m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 111

Section : Tankersley Lane

Chainage : 47m

Feature / Defect : Minor Cracking



Photo Ref : 112

Section : Tankersley Lane

Chainage : 52m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 113

Section : Tankersley Lane

Chainage : 61m

Feature / Defect : Major Cracking



Photo Ref : 114

Section : Tankersley Lane

Chainage : 71m

Feature / Defect : Major Cracking



Hoyland, Barnsley VCS Survey

Photo Ref : 115

Section : Tankersley Lane

Chainage : 91m

Feature / Defect : Major Cracking



Photo Ref : 116

Section : Tankersley Lane

Chainage : 104m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 117	Section : Tankersley Lane
Chainage : 111m	Feature / Defect : Major Surface Defectiveness



Photo Ref : 118	Section : Tankersley Lane
Chainage : 145m	Feature / Defect : Minor Cracking



Hoyland, Barnsley VCS Survey

Photo Ref : 119

Section : Tankersley Lane

Chainage : 154m

Feature / Defect : Minor Surface Defectiveness



Photo Ref : 120

Section : Tankersley Lane

Chainage : 162m

Feature / Defect : Major Cracking



Hoyland, Barnsley VCS Survey

Photo Ref : 121

Section : Tankersley Lane

Chainage : 163m

Feature / Defect : Major Cracking



Photo Ref : 122

Section : Tankersley Lane

Chainage : 176m

Feature / Defect : Minor Cracking



Hoyland, Barnsley VCS Survey

Photo Ref : 123

Section : Tankersley Lane

Chainage : 179m

Feature / Defect : Minor Surface Defectiveness



Photo Ref : 124

Section : Tankersley Lane

Chainage : 192m

Feature / Defect : Major Cracking



Hoyland, Barnsley VCS Survey

Photo Ref : 125

Section : Tankersley Lane

Chainage : 204m

Feature / Defect : Minor Cracking



Photo Ref : 126

Section : Tankersley Lane

Chainage : 234m

Feature / Defect : End of Survey



Hoyland, Barnsley VCS Survey

Photo Ref : 127	Section : Black Lane
Chainage : 0m	Feature / Defect : Start of Survey



Photo Ref : 128	Section : Black Lane
Chainage : 0m	Feature / Defect : Minor Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 129

Section : Black Lane

Chainage : 1m

Feature / Defect : Major Surface Defectiveness



Photo Ref : 130

Section : Black Lane

Chainage : 7m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 131

Section : Black Lane

Chainage : 24m

Feature / Defect : Minor Surface Defectiveness



Photo Ref : 132

Section : Black Lane

Chainage : 45m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 133

Section : Black Lane

Chainage : 58m

Feature / Defect : Major Surface Defectiveness



Photo Ref : 134

Section : Black Lane

Chainage : 79m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 135

Section : Black Lane

Chainage : 99m

Feature / Defect : Major Surface Defectiveness



Photo Ref : 136

Section : Black Lane

Chainage : 102m

Feature / Defect : Major Cracking



Hoyland, Barnsley VCS Survey

Photo Ref : 137	Section : Black Lane
Chainage : 117m	Feature / Defect : Major Cracking, Major Surface Defectiveness



Photo Ref : 138	Section : Black Lane
Chainage : 127m	Feature / Defect : Patch Failure



Hoyland, Barnsley VCS Survey

Photo Ref : 139

Section : Black Lane

Chainage : 139m

Feature / Defect : Major Surface Defectiveness



Photo Ref : 140

Section : Black Lane

Chainage : 144m

Feature / Defect : Major Surface Defectiveness



Hoyland, Barnsley VCS Survey

Photo Ref : 141

Section : Black Lane

Chainage : 162m

Feature / Defect : Major Cracking



Photo Ref :

Section :

Chainage :

Feature / Defect :