

Project

Project Name: 2019_09_24 Whiehaven Bus Station
Project Description: Culvert Inspection
Project Date: 24/09/2019
Project Standard: MSCC5 Sewers & Drainage GB (SRM5 Scoring)

Project Information

Project Name
2019_09_24 Whitehaven Bus Station

Project Number

Project Date
24/09/2019

Client

Company: Thomas Armstrong
Contact: Jack Geddes
Street: Workington Road
Town or City: Flimby
County: Cumbria

Site

Company: Thomas Armsrong
Description: Whitehaven Bus Depot
Contact: Paul Dixon
Department: Project Manager
Town or City: Whitehaven
County: Cumbria

Contractor

Company: Unblock Cumbria Limited
Contact: Ian Woodhouse
Department: Surveying
Street: Unit 10 Kerry Park
Town or City: Workington
County: Cumbria
Post Code: CA14 3TT
Phone: 01900 870140
Mobile: 07747011653
Email: info@unblockcumbria.co.uk

Project Summary

Culvert inspection Whitehaven Bus Station.

Entry point - temporary access point
Measurement point - Start = Point F
Inspection direction - upstream
Method - Man entry inspection
Purpose - Asset Condiion

Observations

Victorian masonry and stone culvert - barrel arched roof - straight sides. Generally in fair condition. There are a couple of observations of missing masonry but it is localised to one or two stones per observation. The culvert follows a gentle right hand curve upstream of point F.

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Two live connections - one from the junction in the road, we note this as a 150mm connection, in fact it is rectangular; the second is another culvert - as shown on the original drawing provided. We noted this as a 450mm diameter culvert but it has not been measured.

At the 46m mark upstream of F the culvert appears to come in at high level. The inspector could not climb the "waterfall" so the survey was abandoned at this point. This is most likely the culvert passing over the railway tunnel.

Section Inspection - 24/09/2019 - Y junctionX

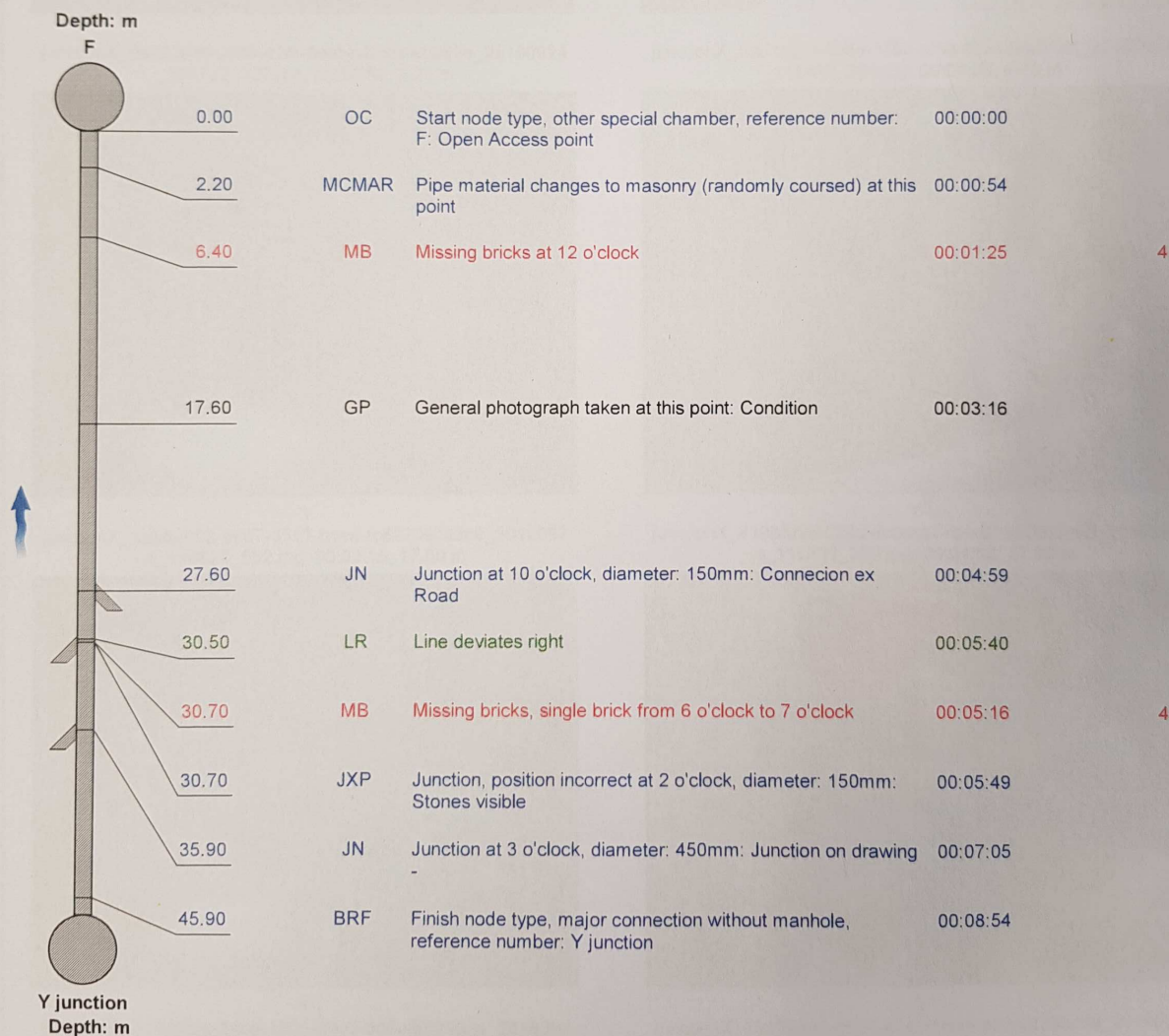
Section 1	Inspection 1	Date 24/09/19	Time 9:29	Client's Job Ref Jack Geddes	Weather No Rain Or Snow	Pre Cleaned No	PLR Y JUNCTIONX
Operator Not Specified		Vehicle V1		Camera A1415	Preset Length Not Specified	Legal Status Not Specified	Alternative ID Not Specified

Town or Village:	Whitehaven	Inspection Direction:	Upstream	Upstream Node:	Y JUNCTION
Road:	Bus Station	Inspected Length:	45.90 m	Upstream Pipe Depth:	
Location:	Property with buildings	Total Length:	46.90 m	Downstream Node:	F
Surface Type:		Joint Length:	0.00 m	Downstream Pipe Depth:	
Use:	Surface water	Pipe Shape:			
Type of Pipe:		Dia/Height:			
Year Constructed:		Material:	Brick		
Flow Control:	No flow control	Lining Type:	No Lining		
Inspection Purpose:	Sample survey to determine asset condition of a sewer system	Lining Material:	No Lining		

Comments:

Recommendations:

Scale: 1:408 Position [m] Code Observation MPEG Photo Grade



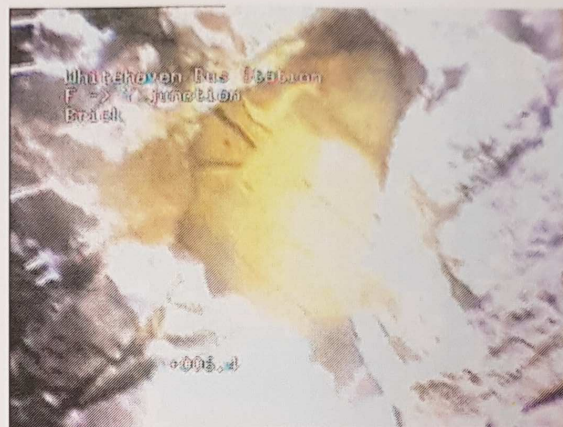
Construction Features					Miscellaneous Features				
Structural Defects					Service & Operational Observations				
STR No. Def	STR Peak	STR Mean	STR Total	STR Grade	SER No. Def	SER Peak	SER Mean	SER Total	SER Grade
2	80.0	3.4	160.0	4.0	0	0.0	0.0	0.0	1.0

Section Pictures - 24/09/2019 - Y junctionX

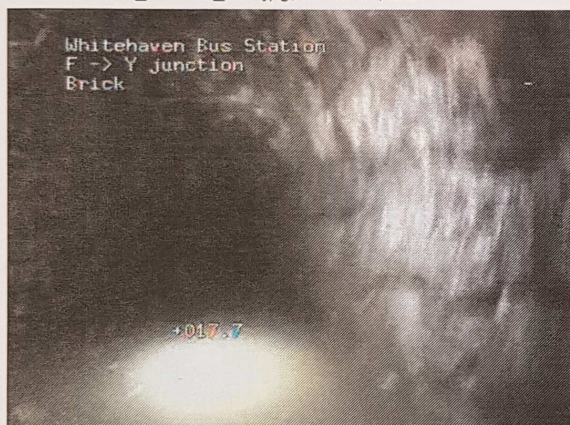
Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	Y JUNCTIONX	Jack Geddes	JC22560



Y
junctionX_09c620b9-2f96-428f-8e8f-c4cbdeeb959e_20190924_114132_337.jpg, 00:00:54, 2.20 m



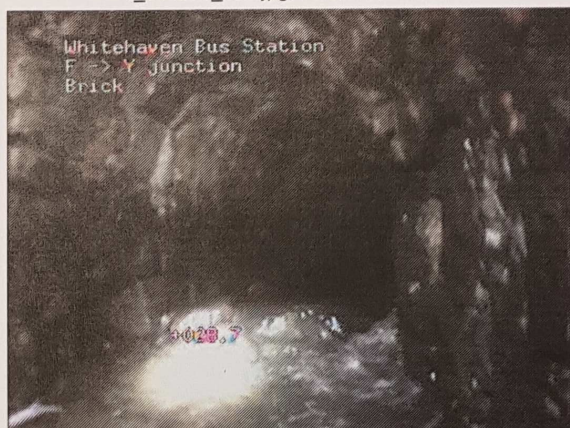
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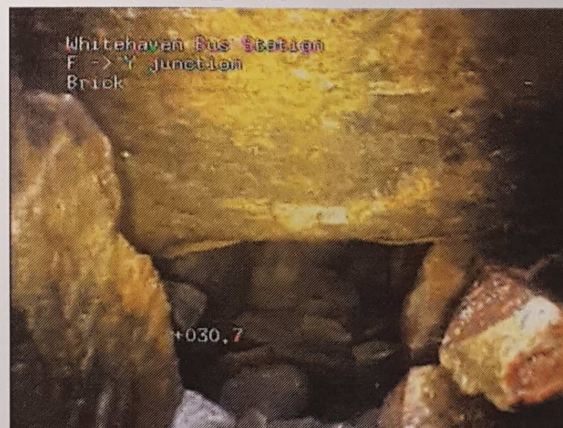
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junctionX_4ba50d02-b667-4517-bcee-fc82709ca2c9_20190924_114620_552.jpg, 00:03:16, 17.60 m



Y
junctionX_410af929-528d-4cbe-a7eb-a51a62590e60_20190924_115309_359.jpg, 00:04:59, 27.60 m



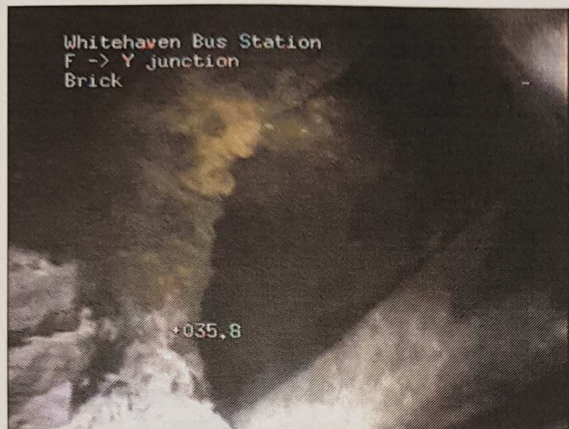
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junctionX_2ebb8703-820e-4825-b0a9-3d6afb5219ca_20190924_115527_300.jpg, 00:05:16, 30.70 m



Y
junctionX_19322ee8-d9d7-4140-8d4e-e83baf23ec4a_20190924_115026_654.jpg, 00:05:49, 30.70 m

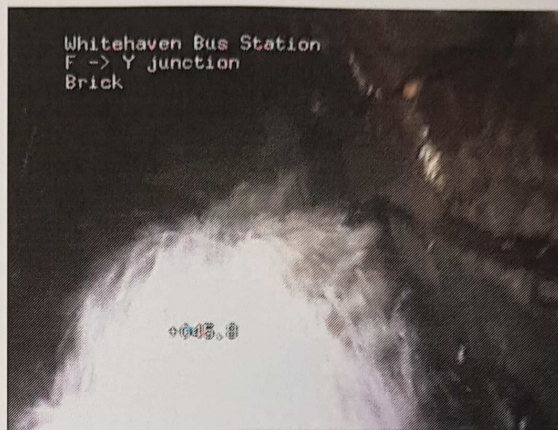
Section Pictures - 24/09/2019 - Y junctionX

Section	Inspection Direction	PLR	Client's Job Ref	Contractor's Job Ref
1	Upstream	Y JUNCTIONX	Jack Geddes	JC22560



Y

junctionX_ad46160c-b878-415b-805e-983e8b2e1829_20190924_120018_568.jpg, 00:07:05, 35.90 m



Y

junctionX_9b080ac4-1ac6-4fb1-b7f8-de179b015cca_20190924_120332_220.jpg, 00:08:54, 45.90 m