

Project:	2320059	Date/Time:	October 3 2023 -
Street and City:	Flagler Lane - Boardman	Weather:	Unknown Weather
Owner:	City of Boardman	Inspection Status:	Complete Inspection
Customer:	ABC Water	Segment:	BO657.07-BO657.06
Surveyor Name and Certificate:	Robert Dean U-821-70402841	Direction:	Downstream
Reviewer Name and Certificate:		Up MH:	BO657.07
P.O. #		Down MH:	BO657.06

Pipe Details and Measurements

Pipe Use:	SW	Material:	VCP
Height:	8	Lining:	
Width:		Joint Length:	
Shape:	C	Purpose:	
Pre-Cleaning:	No Pre-Cleaning	Additional Info:	

Pipe Ratings

Overall Quick Rating: 5148

Structural Quick Rating:	5148	O&M Quick Rating:	3111
Structural Pipe Rating Index:	3.2	O&M Pipe Rating Index:	2.0



Surveyed Length: 146.1

Total Length:


Inspection Technology Used:

Boardman — October 3 2023	Up MH: BO657.07
Pipe: BO657.07-BO657.06	Down MH: BO657.06

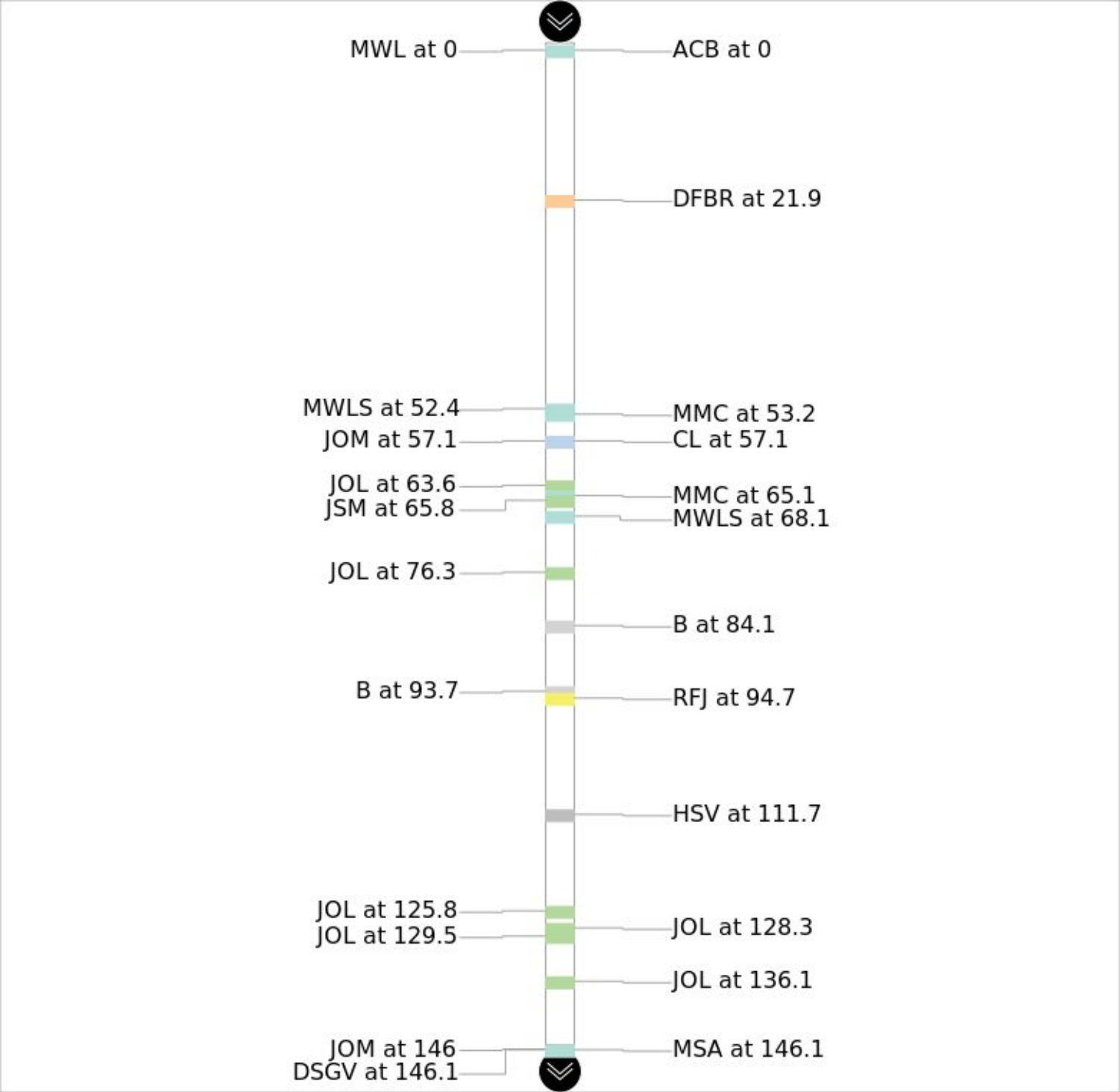
Observations & Defects

Surveyed Length: 146.1

Total Length: 146.1

Flow Direction: 

Survey Direction:
Downstream


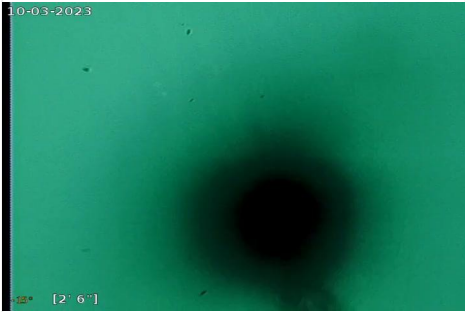

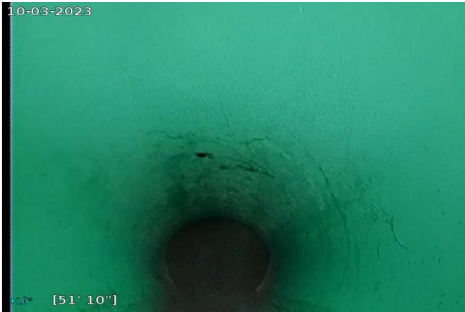


Boardman — October 3 2023

Up MH: BO657.07

Pipe: BO657.07-BO657.06

Down MH: BO657.06


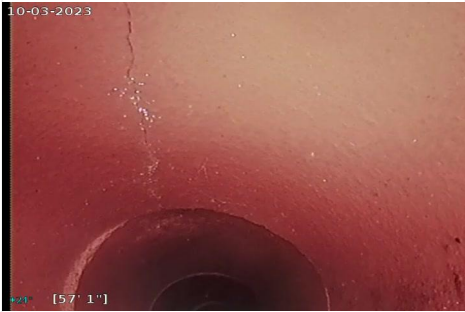
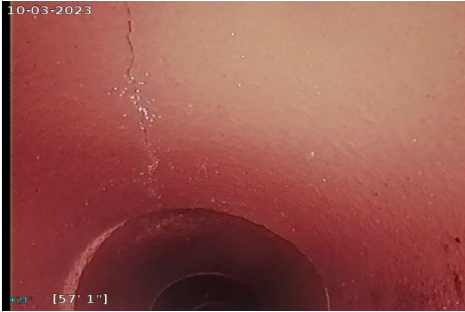

Photo	Distance	Description	Time
	0	ACB - Access Point Catch Basin	00:00:00
	0	MWL - Miscellaneous Water Level	00:00:22
	21.9	DFBR - Deformed Flexible Bulging Round Percent: 5 Clock At 12 Grade = 3	00:01:15
	52.4	MWLS - Miscellaneous Water Level Sag Percent: 5 Grade = 2	00:01:54

Boardman — October 3 2023

Up MH: BO657.07

Pipe: BO657.07-BO657.06

Down MH: BO657.06

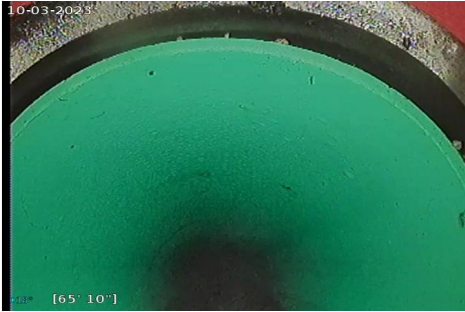
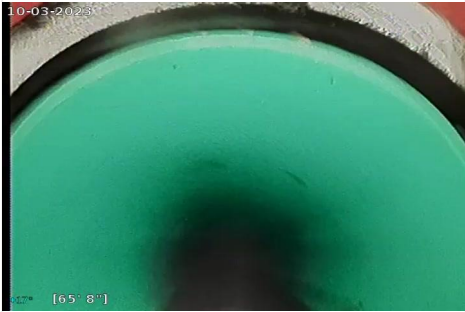
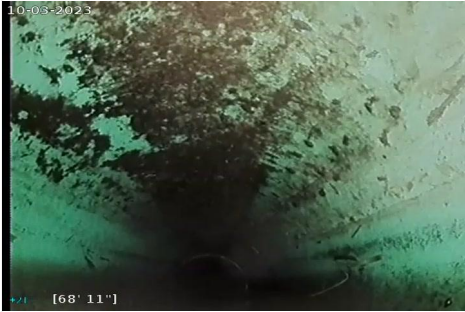

Photo	Distance	Description	Time
	53.2	MMC - Miscellaneous Material Change Remark = PVC TO VCP	00:02:00
	57.1	JOM - Joint Offset Medium Continuous: S01 Grade = 3	00:02:24
	57.1	CL - Crack Longitudinal Clock At 12 Grade = 2	00:02:24
	63.6	JOL - Joint Offset Large Grade = 4	00:02:56

Boardman — October 3 2023

Up MH: BO657.07

Pipe: BO657.07-BO657.06

Down MH: BO657.06



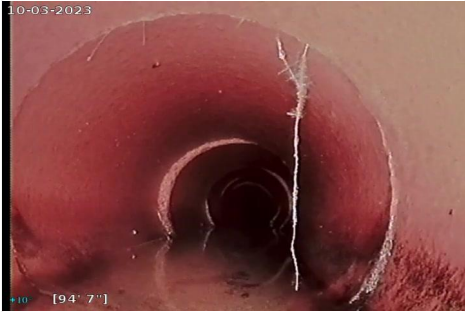

Photo	Distance	Description	Time
	65.1	MMC - Miscellaneous Material Change Remark = VCP Back to PVC	00:03:13
	65.8	JSM - Joint Separated Medium Grade = 3	00:03:06
	68.1	MWLS - Miscellaneous Water Level Sag Percent: 15 Grade = 2	00:03:23
	76.3	JOL - Joint Offset Large Grade = 4	00:04:00

Boardman — October 3 2023

Up MH: BO657.07

Pipe: BO657.07-BO657.06

Down MH: BO657.06


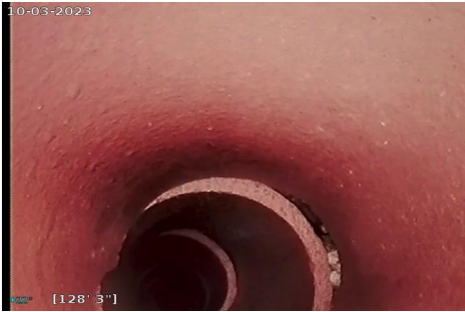
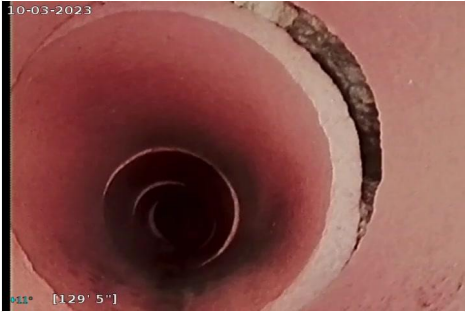

Photo	Distance	Description	Time
	84.1	B - Broken Clock At 6 Grade = 4	00:04:41
	93.7	B - Broken Clock At 3 Grade = 4	00:05:29
	94.7	RFJ - Roots Fine Joint Joint: True Clock from 12 to 3 Grade = 1	00:05:36
	111.7	HSV - Hole Soil Visible Joint: True Clock from 8 to 11 Grade = 5	00:06:40

Boardman — October 3 2023

Up MH: BO657.07

Pipe: BO657.07-BO657.06

Down MH: BO657.06

Photo	Distance	Description	Time
	125.8	JOL - Joint Offset Large Grade = 4	00:07:57
	128.3	JOL - Joint Offset Large Grade = 4	00:08:19
	129.5	JOL - Joint Offset Large Grade = 4	00:08:44
	136.1	JOL - Joint Offset Large Grade = 4	00:09:15

Boardman — October 3 2023	Up MH: BO657.07
Pipe: BO657.07-BO657.06	Down MH: BO657.06

Photo	Distance	Description	Time
	146	JOM - Joint Offset Medium Continuous: F01 Grade = 3	00:15:15
	146.1	DSGV - Deposits Settled Gravel Percent: 15 Clock from 5 to 7 Grade = 3	00:15:05
	146.1	MSA - Miscellaneous Survey Abandoned Remark = Due to Rock in line	00:15:15

Boardman — October 3 2023

Up MH: BO657.07

Pipe: BO657.07-BO657.06

Down MH: BO657.06

Time	Dist.	Code	Cont.	Dim. 1	Dim. 2	%	Joint	Clock From	Clock To	Remarks
00:00:00	0	ACB								
00:00:22	0	MWL				0				
00:01:15	21.9	DFB R				5		12		
00:01:54	52.4	MWL S				5				
00:02:00	53.2	MMC								PVC TO VCP
00:02:24	57.1	JOM	S01							
00:02:24	57.1	CL						12		
00:02:56	63.6	JOL								
00:03:13	65.1	MMC								VCP Back to PVC

Boardman — October 3 2023

Up MH: BO657.07

Pipe: BO657.07-BO657.06

Down MH: BO657.06

Time	Dist.	Code	Cont.	Dim. 1	Dim. 2	%	Joint	Clock From	Clock To	Remarks
00:03:06	65.8	JSM								
00:03:23	68.1	MWLS				15				
00:04:00	76.3	JOL								
00:04:41	84.1	B						6		
00:05:29	93.7	B						3		
00:05:36	94.7	RFJ					True	12	3	
00:05:36	111.7	HSV					True	8	11	
00:07:57	125.8	JOL								
00:08:19	128.3	JOL								

Boardman — October 3 2023	Up MH: BO657.07
Pipe: BO657.07-BO657.06	Down MH: BO657.06

Time	Dist.	Code	Cont.	Dim. 1	Dim. 2	%	Joint	Clock From	Clock To	Remarks
00:08:44	129.5	JOL								
00:09:15	136.1	JOL								
00:15:15	146	JOM	F01							
00:15:05	146.1	DSG V				15		5	7	
00:15:15	146.1	MSA								Due to Rock in line

Boardman — October 3 2023

Up MH: BO657.07

Pipe: BO657.07-BO657.06

Down MH: BO657.06

Additional PACP Header Information

Media Label:		Up Rim to Invert:	
Work Order:		Up Rim to Grade:	
Sheet Number:		Up Grade to Invert:	
Date Cleaned:	Unknown	Up Northing:	
Flow Control:		Up Easting:	
Consequence of Failure		Up Elevation:	
Pressure Value:		Down Rim to Invert:	
Drainage Area:		Down Rim to Grade:	
Location Code:		Down Grade to Invert:	
Location Details:		Down Northing:	
Coating Method:		Down Easting:	
Pipe Joint Length:		Down Elevation:	
Year Constructed:		Coordinate System:	
Year Renewed:		Vertical Datum:	
		GPS Accuracy:	
Reverse Setup:	0	Imperial?:	True