

Project:	2320059	Date/Time:	September 28 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:	Upstream
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: 4434

Structural Quick Rating:	4332	O&M Quick Rating:	4132
Structural Pipe Rating Index:	3.0	O&M Pipe Rating Index:	2.8



Surveyed Length: 149.6

Total Length:


Inspection Technology Used:

Boardman — September 28 2023	Up MH: BO657.07
Pipe: BO657.07-BO657.06	Down MH: BO657.06

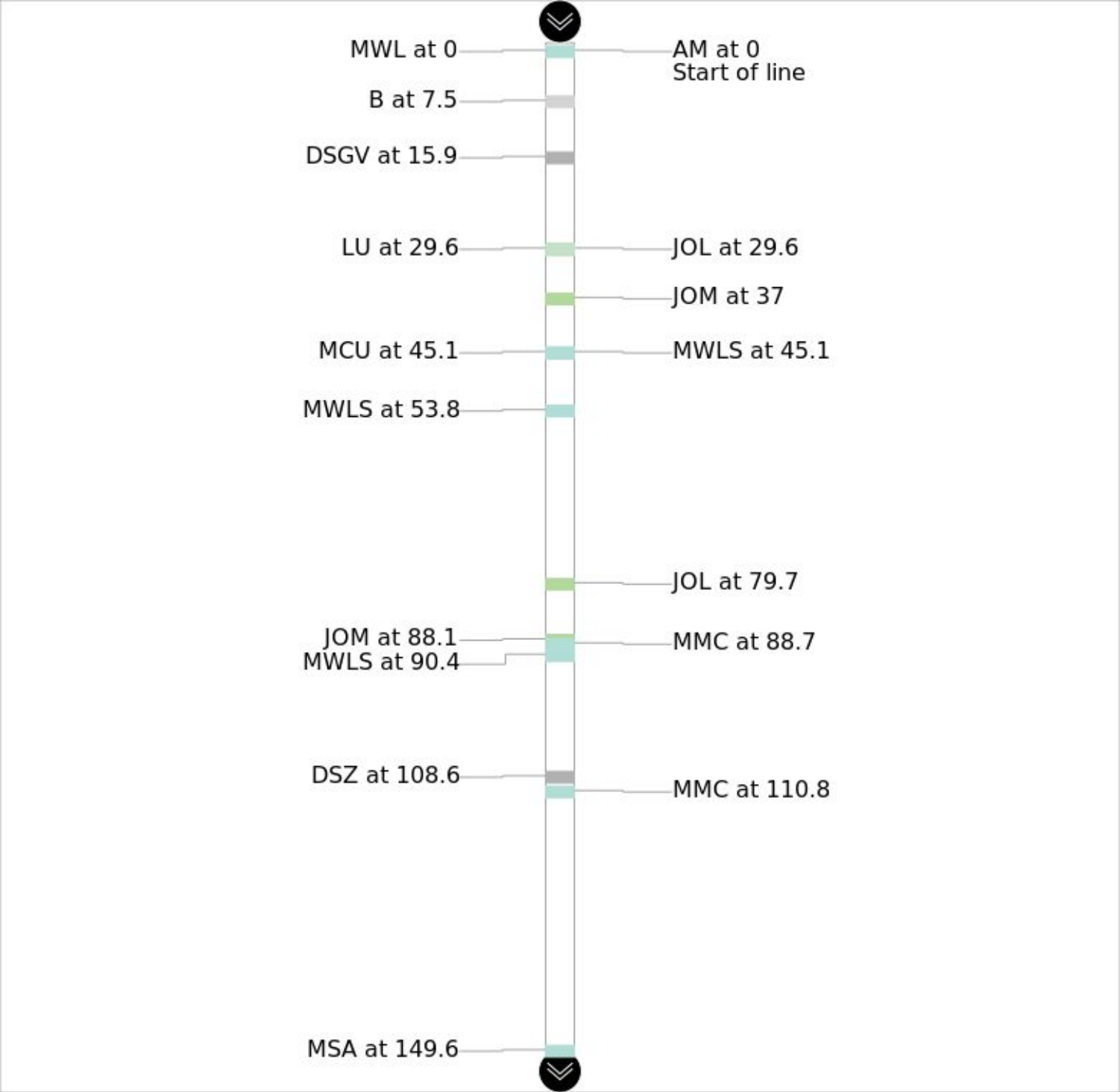
Observations & Defects

Surveyed Length: 149.6

Total Length: 149.6

Flow Direction: 

Survey Direction:
Upstream







Boardman — September 28 2023

Up MH: BO657.07

Pipe: BO657.07-BO657.06

Down MH: BO657.06

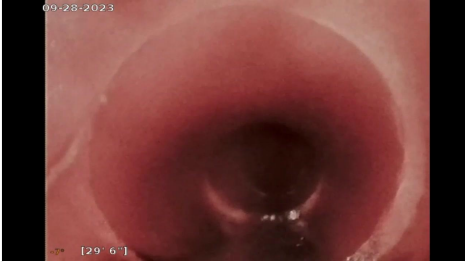



Photo	Distance	Description	Time
	0	AM - Access Point Meter Remark = Start of line	00:00:11
	0	MWL - Miscellaneous Water Level Percent: 5	00:00:13
	7.5	B - Broken Clock from 5 to 7 Grade = 4	00:00:37
	15.9	DSGV - Deposits Settled Gravel Percent: 15 Clock from 5 to 7 Grade = 3	00:00:55

Boardman — September 28 2023

Up MH: BO657.07

Pipe: BO657.07-BO657.06

Down MH: BO657.06



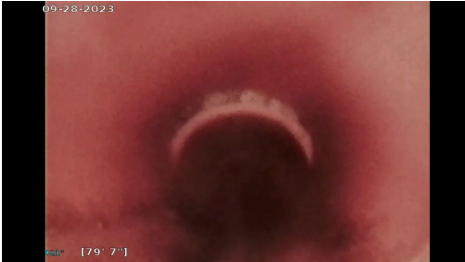

Photo	Distance	Description	Time
	29.6	JOL - Joint Offset Large Grade = 4	00:01:18
	29.6	LU - Line Up Percent: 5 Grade = 1	00:01:18
	37	JOM - Joint Offset Medium Grade = 3	00:01:28
	45.1	MCU - Miscellaneous Camera Underwater Grade = 4	00:02:01

Boardman — September 28 2023

Up MH: BO657.07

Pipe: BO657.07-BO657.06

Down MH: BO657.06




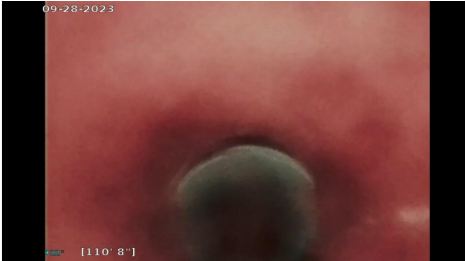
Photo	Distance	Description	Time
	45.1	MWLS - Miscellaneous Water Level Sag Percent: 30 Grade = 2	00:02:01
	53.8	MWLS - Miscellaneous Water Level Sag Percent: 5 Remark = end of sag Grade = 2	00:03:08
	79.7	JOL - Joint Offset Large Grade = 4	00:04:26
	88.1	JOM - Joint Offset Medium Grade = 3	00:04:37

Boardman — September 28 2023


Up MH: BO657.07

Pipe: BO657.07-BO657.06

Down MH: BO657.06

Photo	Distance	Description	Time
	88.7	MMC - Miscellaneous Material Change Remark = VCP TO PVC	00:04:38
	90.4	MWLS - Miscellaneous Water Level Sag Percent: 25 Grade = 2	00:05:09
	108.6	DSZ - Deposits Settled Other Percent: 15 Clock from 5 to 7 Remark = Rock/Pipe Material Grade = 3	00:06:01
	110.8	MMC - Miscellaneous Material Change Remark = VCP TO PVC	00:06:33

Boardman — September 28 2023	Up MH: BO657.07
Pipe: BO657.07-BO657.06	Down MH: BO657.06

Photo	Distance	Description	Time
	149.6	MSA - Miscellaneous Survey Abandoned Remark = Due to bends in pipe and condition	00:09:50

Boardman — September 28 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
00:00:11	0	AM								Start of line
00:00:13	0	MWL				5				
00:00:37	7.5	B						5	7	
00:00:55	15.9	DSG V				15		5	7	
00:01:18	29.6	JOL								
00:01:18	29.6	LU				5				
00:01:18	37	JOM								
00:02:01	45.1	MCU								
00:02:01	45.1	MWL S				30				

Boardman — September 28 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
00:03:08	53.8	MWLS				5				end of sag
00:04:26	79.7	JOL								
00:04:37	88.1	JOM								
00:04:38	88.7	MMC								VCP TO PVC
00:05:09	90.4	MWLS				25				
00:06:01	108.6	DSZ				15		5	7	Rock/Pipe Material
00:06:01	110.8	MMC								VCP TO PVC
00:09:50	149.6	MSA								Due to bends in pipe and condition

Boardman — September 28 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