

Project:	2320059	Date/Time:	September 26 2023 - 13:24
Street and City:	ST. ALBANS AVE - BOARDMAN	Weather:	Dry - No precipitation during survey
Owner:	CITY OF BOARDMAN	Inspection Status:	Complete Inspection
Customer:	ABC WATER	Segment:	BO119.01-B0119.01A
Surveyor Name and Certificate:	SHAWN DUNNELL 915-70001437	Direction:	Downstream
Reviewer Name and Certificate:		Up MH:	BO119.01
P.O. #		Down MH:	BO119.01A

Pipe Details and Measurements

Pipe Use:	SW	Material:	RCP
Height:	18	Lining:	
Width:		Joint Length:	
Shape:	C	Purpose:	F
Pre-Cleaning:	No Pre-Cleaning	Additional Info:	

Pipe Ratings

Overall Quick Rating: 5A41

Structural Quick Rating:	5441	O&M Quick Rating:	5639
Structural Pipe Rating Index:	4.3	O&M Pipe Rating Index:	3.4



Surveyed Length: 224

Total Length:


Inspection Technology Used: CCTV

BOARDMAN — September 26 2023	Up MH: BO119.01
Pipe: BO119.01-B0119.01A	Down MH: BO119.01A

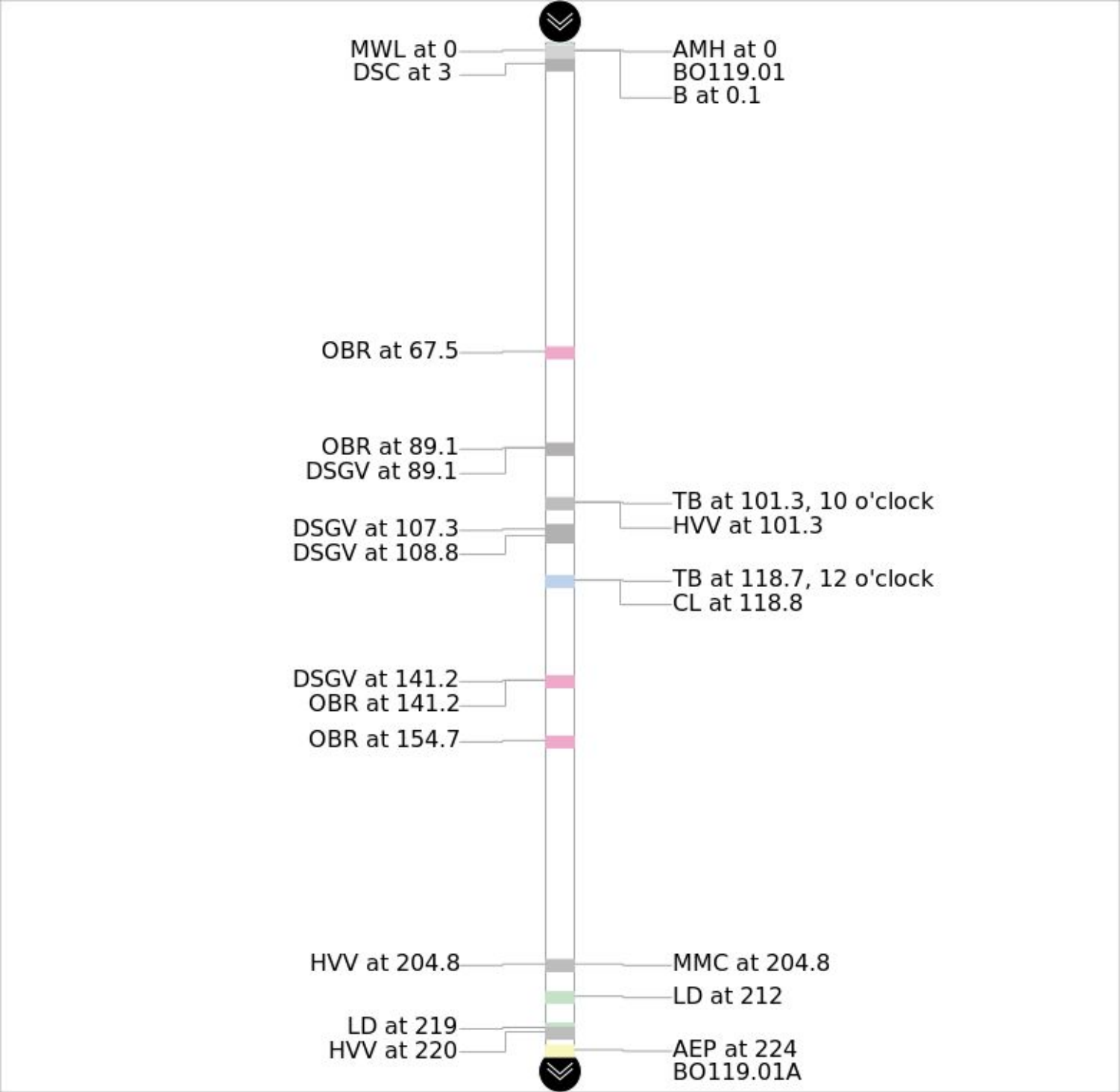
Observations & Defects

Surveyed Length: 224

Total Length: 224

Flow Direction: 

Survey Direction:  
Downstream



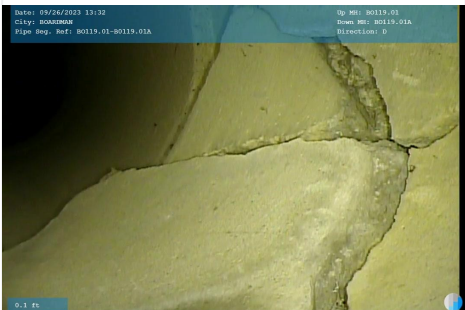
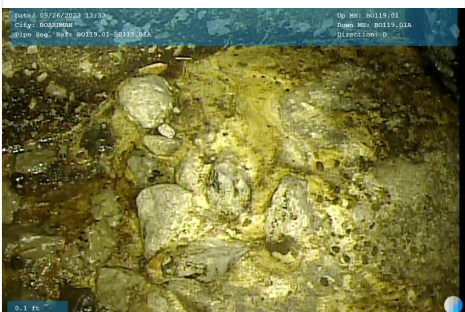


BOARDMAN — September 26 2023

Up MH: BO119.01

Pipe: BO119.01-B0119.01A

Down MH: BO119.01A





Photo	Distance	Description	Time
	0	AMH - Manhole Remark = BO119.01	00:00:00
	0	MWL - Miscellaneous Water Level	00:00:51
	0.1	B - Broken Clock from 9 to 5 Grade = 4	00:01:15
	3	DSC - Deposits Settled Hard/Compacted Percent: 20 Clock from 4 to 8 Grade = 3	00:01:46

BOARDMAN — September 26 2023

Up MH: BO119.01

Pipe: BO119.01-BO119.01A

Down MH: BO119.01A





Photo	Distance	Description	Time
	67.5	OBR - Obstruction Rocks Continuous: S01 Percent: 20 Clock from 4 to 8 Grade = 3	00:03:34
	89.1	OBR - Obstruction Rocks Continuous: F01 Percent: 20 Clock from 4 to 8 Grade = 3	00:04:41
	89.1	DSGV - Deposits Settled Gravel Continuous: S02 Percent: 20 Clock from 4 to 8 Grade = 3	00:04:44
	101.3	TB - Tap Break-in/Hammer Measurement 1: 6 Clock At 10	00:05:18

BOARDMAN — September 26 2023

Up MH: BO119.01

Pipe: BO119.01-BO119.01A

Down MH: BO119.01A

Photo	Distance	Description	Time
	101.3	HWV - Hole Void Visible Clock At 10 Remark = AT BREAK IN CONNECTION Grade = 5	00:05:24
	107.3	DSGV - Deposits Settled Gravel Continuous: F02 Percent: 20 Clock from 4 to 8 Grade = 3	00:05:50
	108.8	DSGV - Deposits Settled Gravel Continuous: S03 Percent: 35 Clock from 3 to 9 Grade = 5	00:05:53
	118.7	TB - Tap Break-in/Hammer Measurement 1: 6 Clock At 12	00:06:27







BOARDMAN — September 26 2023

Up MH: BO119.01

Pipe: BO119.01-BO119.01A

Down MH: BO119.01A


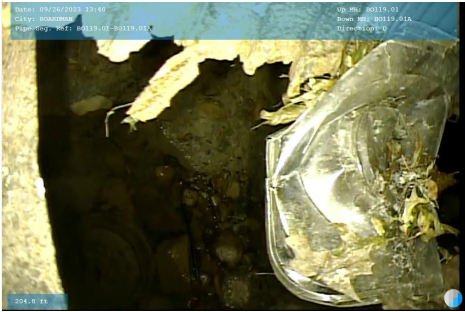

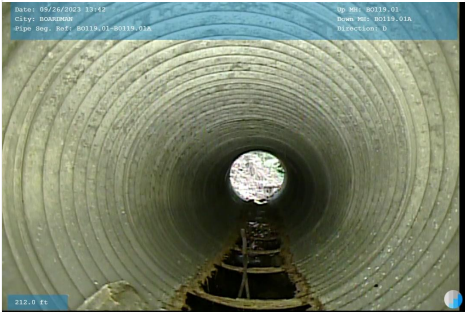
Photo	Distance	Description	Time
	118.8	CL - Crack Longitudinal Joint: True Clock At 12 Grade = 2	00:06:38
	141.2	DSGV - Deposits Settled Gravel Continuous: F03 Percent: 35 Clock from 3 to 9 Grade = 5	00:07:17
	141.2	OBR - Obstruction Rocks Continuous: S04 Percent: 5 Clock from 5 to 7 Grade = 2	00:07:21
	154.7	OBR - Obstruction Rocks Continuous: F04 Percent: 5 Clock from 5 to 7 Grade = 2	00:07:46

BOARDMAN — September 26 2023

Up MH: BO119.01

Pipe: BO119.01-B0119.01A

Down MH: BO119.01A

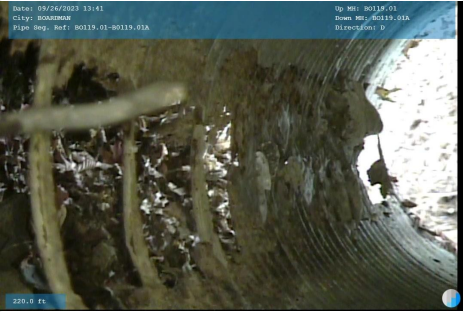
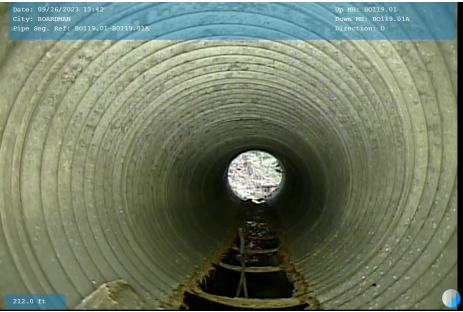
Photo	Distance	Description	Time
	204.8	MMC - Miscellaneous Material Change Remark = RCP TO CMP	00:09:14
	204.8	HVV - Hole Void Visible Continuous: S05 Clock from 5 to 7 Grade = 5	00:09:29
	212	LD - Line Down Continuous: S06 Percent: 10 Grade = 1	00:10:50
	219	LD - Line Down Continuous: F06 Percent: 10 Grade = 1	00:10:59

BOARDMAN — September 26 2023

Up MH: BO119.01

Pipe: BO119.01-B0119.01A

Down MH: BO119.01A

Photo	Distance	Description	Time
	220	HWV - Hole Void Visible Continuous: F05 Clock from 5 to 7 Grade = 5	00:10:17
	224	AEP - Access Point End of Pipe Remark = BO119.01A	00:11:13



BOARDMAN — September 26 2023

Up MH: BO119.01

Pipe: BO119.01-BO119.01A

Down MH: BO119.01A

Time	Dist.	Code	Cont.	Dim. 1	Dim. 2	%	Joint	Clock From	Clock To	Remarks
00:00:00	0	AMH								BO119.01
00:00:51	0	MWL				0				
00:01:15	0.1	B						9	5	
00:01:46	3	DSC				20		4	8	
00:03:34	67.5	OBR	S01			20		4	8	
00:04:41	89.1	OBR	F01			20		4	8	
00:04:41	89.1	DSG V	S02			20		4	8	
00:05:18	101.3	TB		6				10		
00:05:24	101.3	HVV						10		AT BREAK IN CONNECTION

BOARDMAN — September 26 2023

Up MH: BO119.01

Pipe: BO119.01-B0119.01A

Down MH: BO119.01A

Time	Dist.	Code	Cont.	Dim. 1	Dim. 2	%	Joint	Clock From	Clock To	Remarks
00:05:50	107.3	DSG V	F02			20		4	8	
00:05:53	108.8	DSG V	S03			35		3	9	
00:06:27	118.7	TB		6				12		
00:06:38	118.8	CL					True	12		
00:07:17	141.2	DSG V	F03			35		3	9	
00:07:21	141.2	OBR	S04			5		5	7	
00:07:21	154.7	OBR	F04			5		5	7	
00:09:14	204.8	MMC								RCP TO CMP
00:09:29	204.8	HVV	S05					5	7	

BOARDMAN — September 26 2023	Up MH: BO119.01
Pipe: BO119.01-BO119.01A	Down MH: BO119.01A

Time	Dist.	Code	Cont.	Dim. 1	Dim. 2	%	Joint	Clock From	Clock To	Remarks
00:10:50	212	LD	S06			10				
00:10:59	219	LD	F06			10				
00:10:17	220	HVV	F05					5	7	
00:11:13	224	AEP								BO119.01A

BOARDMAN — September 26 2023	Up MH: BO119.01
Pipe: BO119.01-B0119.01A	Down MH: BO119.01A

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:	D	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