

Oswald ENTERPRISES, INC.

RECEIVED
NOV 24 2021

BY:

BORO OF KEYPORT
70 WEST FRONT STREET
KEYPORT, NJ 07735

T.V. INSPECTION OF VARIOUS
STORM SEWER LINES

3RD STREET

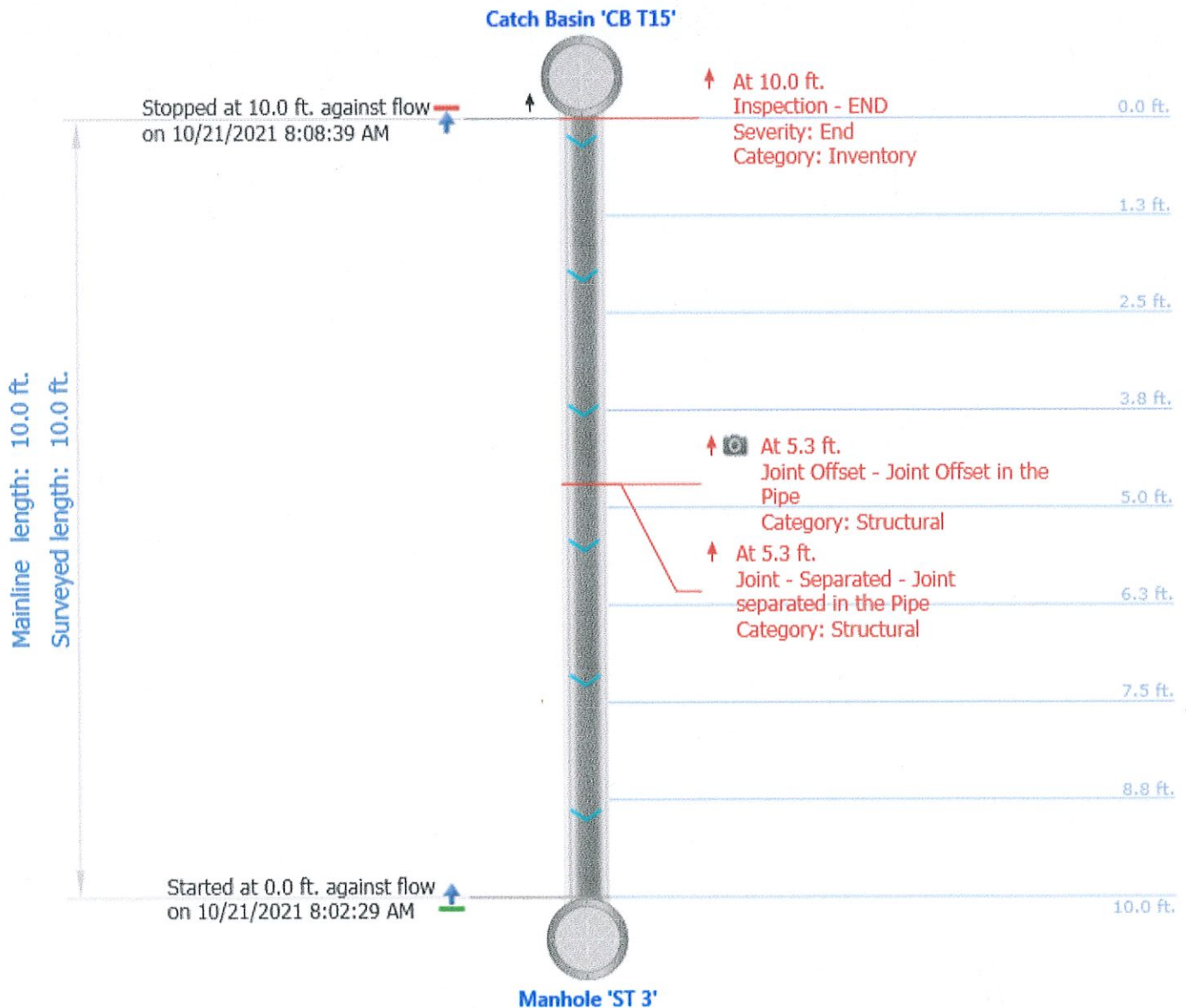
October 21, 2021

OSWALD ENTERPRISES, INC.
161 EAST ROAD - P.O. BOX 126
BELFORD, NEW JERSEY 07718

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www.OswaldEnt.com

Main Inspections Pipe Run

Project name:	Mainline ID:	City:	Address:
10/21/21 KEYPORT 3RD ST STORM	KEYPORT 3RD ST CB T15 TO ST 3	KEYPOT NJ	3RD ST
Start date/time:	Direction:	Weather:	Surface condition:
10/21/2021 8:02 AM	Against the flow	Dry	Asphalt
Pipe shape:	Pipe material:	Pipe height:	Pipe width:
Circular	Concrete Reinforced	12.0 in.	



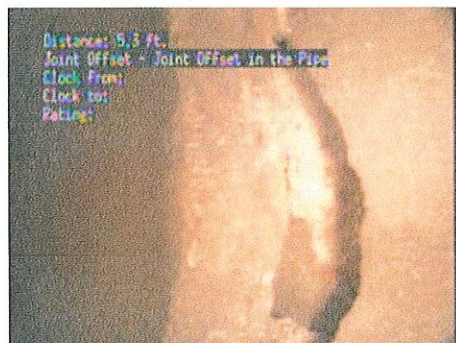
Main Inspections Small Photos

Mainline ID: KEYPORT 3RD ST CB T15 TO ST 3	City: KEYPORT NJ	Address: 3RD ST	Project name: 10/21/21 KEYPORT 3RD ST STORM
Start date/time: 10/21/2021 8:02 AM	Asset length: 10.0 ft.	Weather: Dry	Operator: John Read
Upstream node: CB T15	Depth US:	Downstream node: ST 3	Depth DS:
Pipe shape: Circular	Pipe material: Concrete Reinforced	Pipe height: 12.0 in.	Pipe width:
Comments:			

Observations

Distance	Dir.	Length	From/To	Code	Modifier/Severity	Rating	Comments
5.3 ft.	U		/	Joint - Separated			

5.3 ft.	U		/	Joint Offset			
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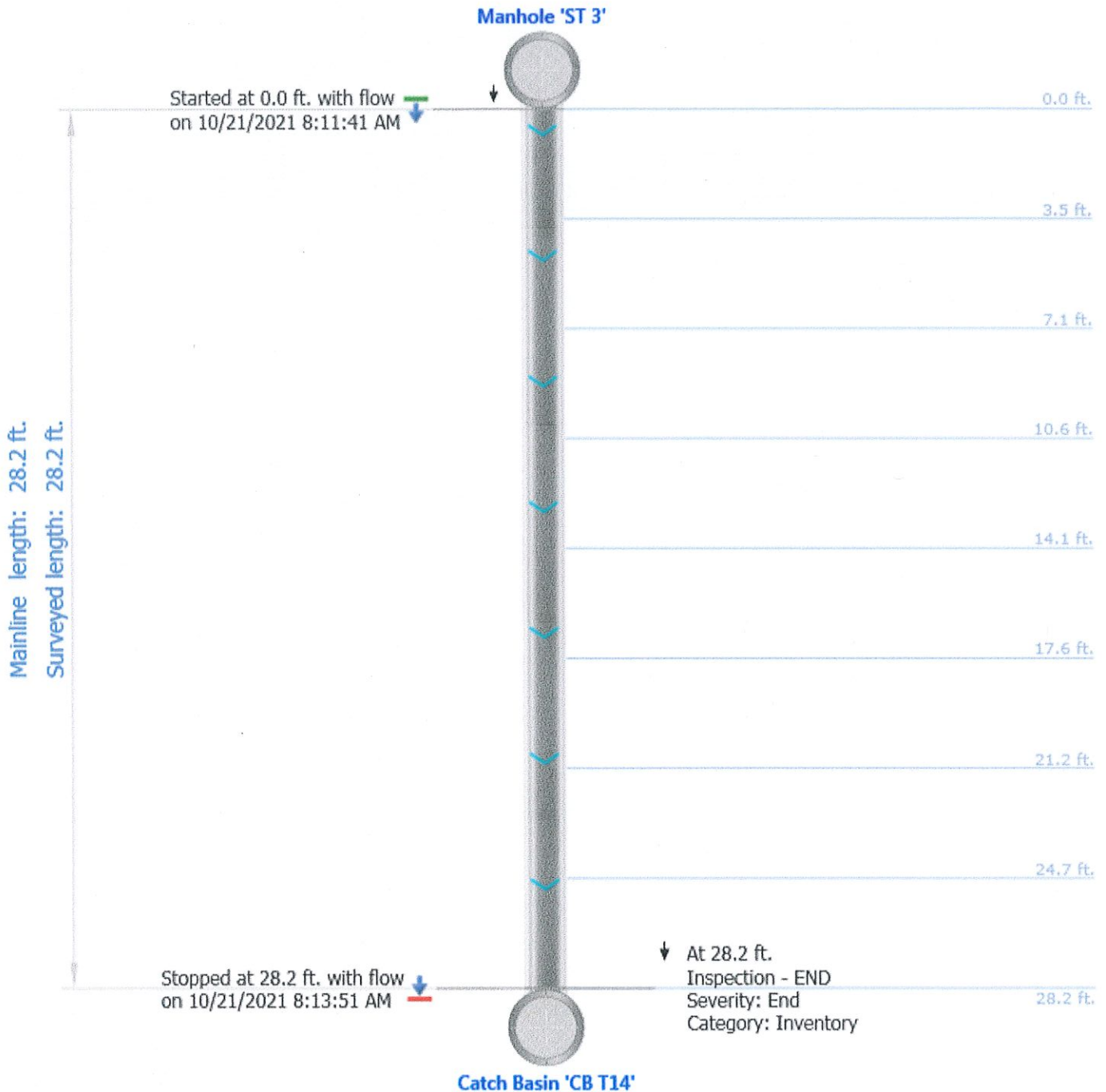


10.0 ft.	U		/	Inspection	End		
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Inspection's photos

Main Inspections Pipe Run

Project name:	Mainline ID:	City:	Address:
10/21/21 KEYPORT 3RD ST STORM	KEYPORT 3RD ST ST 3 TO KEYPOT NJ CB T14		3RD ST
Start date/time:	Direction:	Weather:	Surface condition:
10/21/2021 8:11 AM	With the flow	Dry	Asphalt
Pipe shape:	Pipe material:	Pipe height:	Pipe width:
Circular	Concrete Reinforced	18.0 in.	



Main Inspections Small Photos

Mainline ID:	City:	Address:	Project name:
KEYPORT 3RD ST ST 3 TO KEYPOT NJ CB T14		3RD ST	10/21/21 KEYPORT 3RD ST STORM
Start date/time:	Asset length:	Weather:	Operator:
10/21/2021 8:11 AM	28.2 ft.	Dry	John Read
Upstream node:	Depth US:	Downstream node:	Depth DS:
ST 3		CB T14	
Pipe shape:	Pipe material:	Pipe height:	Pipe width:
Circular	Concrete Reinforced	18.0 in.	
Comments:			

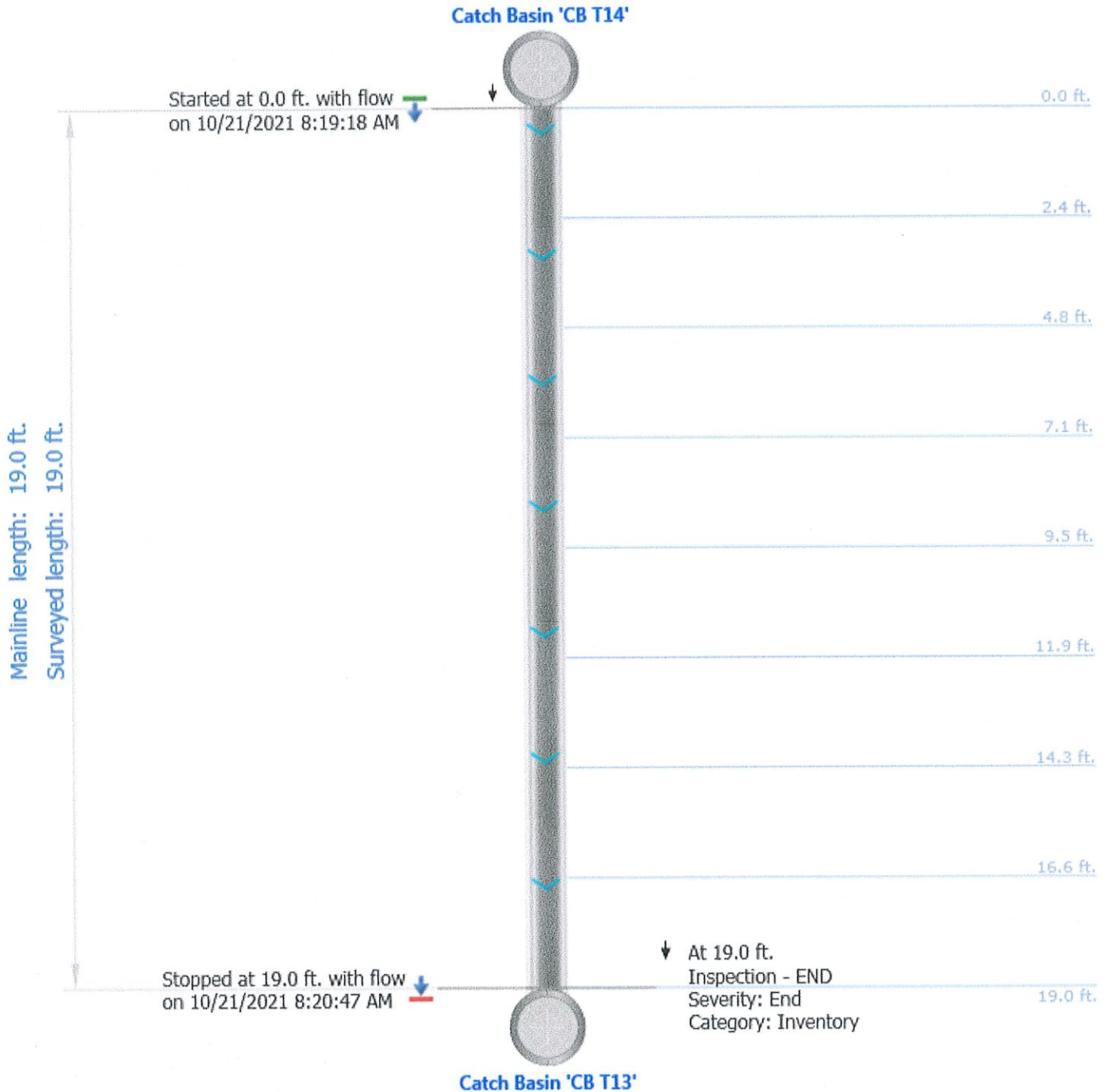
Observations

Distance	Dir.	Length	From/To	Code	Modifier/Severity	Rating	Comments
28.2 ft.	D		/	Inspection	End		

Inspection's photos

Main Inspections Pipe Run

Project name:	Mainline ID:	City:	Address:
10/21/21 KEYPORT 3RD ST STORM	KEYPORT 3RD ST CB T14 TO CB T13	KEYPOT NJ	3RD ST
Start date/time:	Direction:	Weather:	Surface condition:
10/21/2021 8:19 AM	With the flow	Dry	Asphalt
Pipe shape:	Pipe material:	Pipe height:	Pipe width:
Circular	Concrete Reinforced	18.0 in.	



Main Inspections Small Photos

Mainline ID:	City:	Address:	Project name:
KEYPORT 3RD ST CB T14 TO CB T13	KEYPOT NJ	3RD ST	10/21/21 KEYPORT 3RD ST STORM
Start date/time:	Asset length:	Weather:	Operator:
10/21/2021 8:19 AM	19.0 ft.	Dry	John Read
Upstream node:	Depth US:	Downstream node:	Depth DS:
CB T14		CB T13	
Pipe shape:	Pipe material:	Pipe height:	Pipe width:
Circular	Concrete Reinforced	18.0 in.	
Comments:			

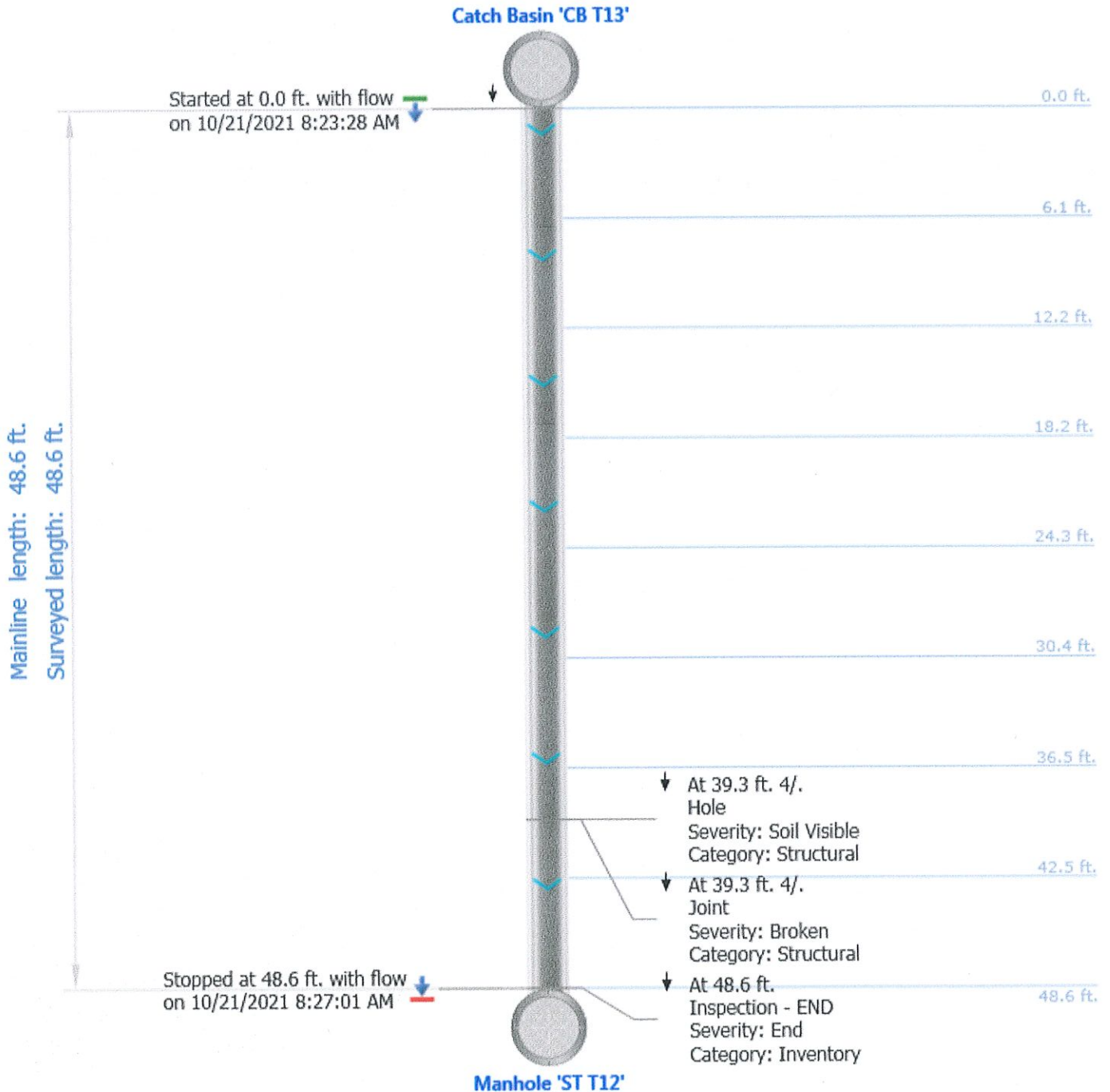
Observations

Distance	Dir.	Length	From/To	Code	Modifier/Severity	Rating	Comments
19.0 ft.	D		/	Inspection	End		

Inspection's photos

Main Inspections Pipe Run

Project name:	Mainline ID:	City:	Address:
10/21/21 KEYPORT 3RD ST STORM	KEYPORT 3RD ST CB T13 TO ST T12	KEYPOT NJ	3RD ST
Start date/time:	Direction:	Weather:	Surface condition:
10/21/2021 8:23 AM	With the flow	Dry	Asphalt
Pipe shape:	Pipe material:	Pipe height:	Pipe width:
Circular	Concrete Reinforced	18.0 in.	



Main Inspections Small Photos

Mainline ID:	City:	Address:	Project name:
KEYPORT 3RD ST CB T13 TO ST T12	KEYPOT NJ	3RD ST	10/21/21 KEYPORT 3RD ST STORM
Start date/time:	Asset length:	Weather:	Operator:
10/21/2021 8:23 AM	48.6 ft.	Dry	John Read
Upstream node:	Depth US:	Downstream node:	Depth DS:
CB T13		ST T12	
Pipe shape:	Pipe material:	Pipe height:	Pipe width:
Circular	Concrete Reinforced	18.0 in.	
Comments:			

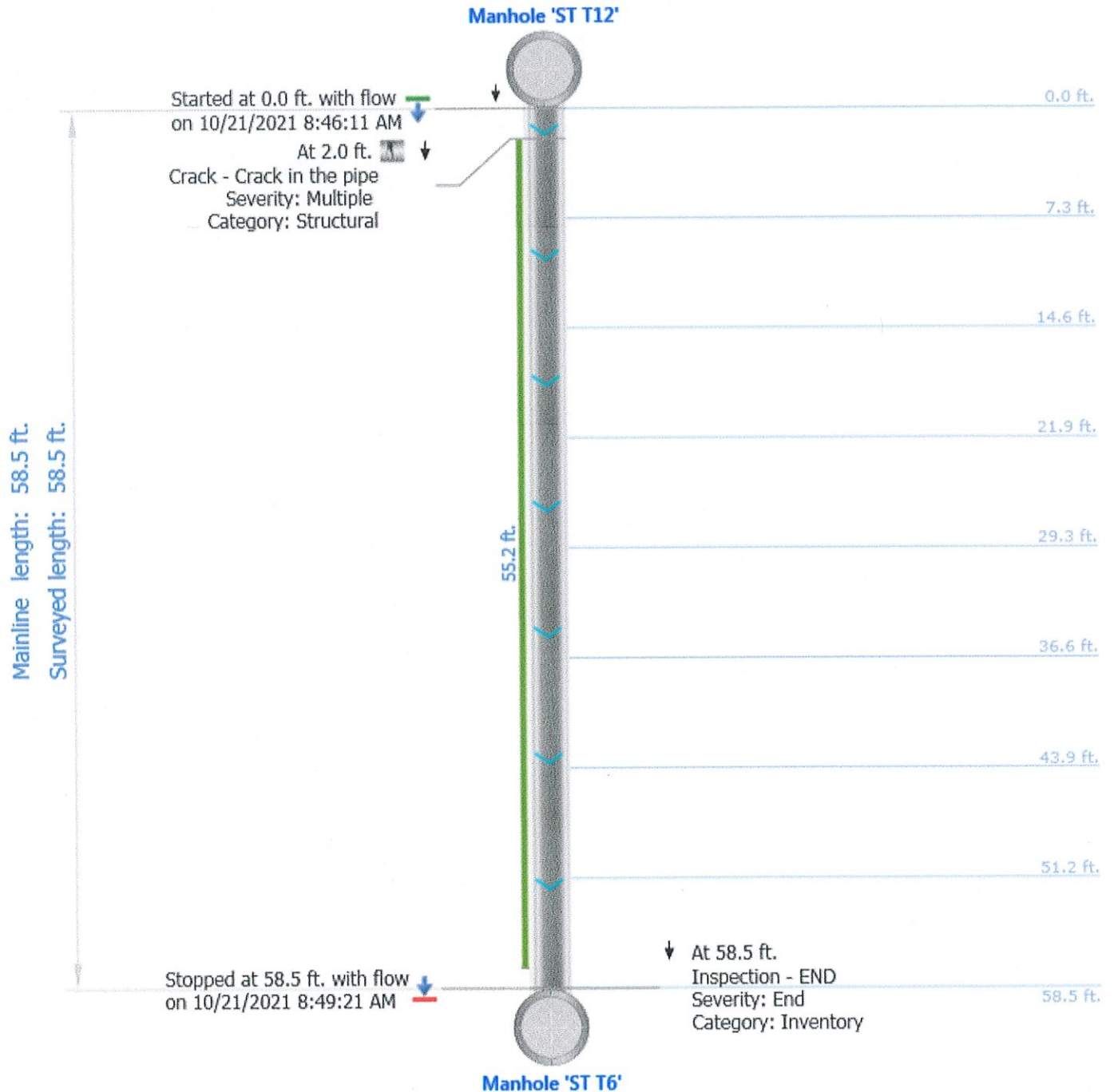
Observations

Distance	Dir.	Length	From/To	Code	Modifier/Severity	Rating	Comments
39.3 ft.	D		4 /	Hole	Soil Visible		
39.3 ft.	D		4 /	Joint	Broken		
48.6 ft.	D		/	Inspection	End		

Inspection's photos

Main Inspections Pipe Run

Project name:	Mainline ID:	City:	Address:
10/21/21 KEYPORT 3RD ST STORM	KEYPORT 3RD ST ST T12 TO ST T6	KEYPOT NJ	3RD ST
Start date/time:	Direction:	Weather:	Surface condition:
10/21/2021 8:46 AM	With the flow	Dry	Asphalt
Pipe shape:	Pipe material:	Pipe height:	Pipe width:
Circular	Clay	20.0 in.	



Main Inspections Small Photos

Mainline ID: KEYPORT 3RD ST ST T12 TO ST T6	City: KEYPOT NJ	Address: 3RD ST	Project name: 10/21/21 KEYPORT 3RD ST STORM
Start date/time: 10/21/2021 8:46 AM	Asset length: 58.5 ft.	Weather: Dry	Operator: John Read
Upstream node: ST T12	Depth US:	Downstream node: ST T6	Depth DS:
Pipe shape: Circular	Pipe material: Clay	Pipe height: 20.0 in.	Pipe width:
Comments:			

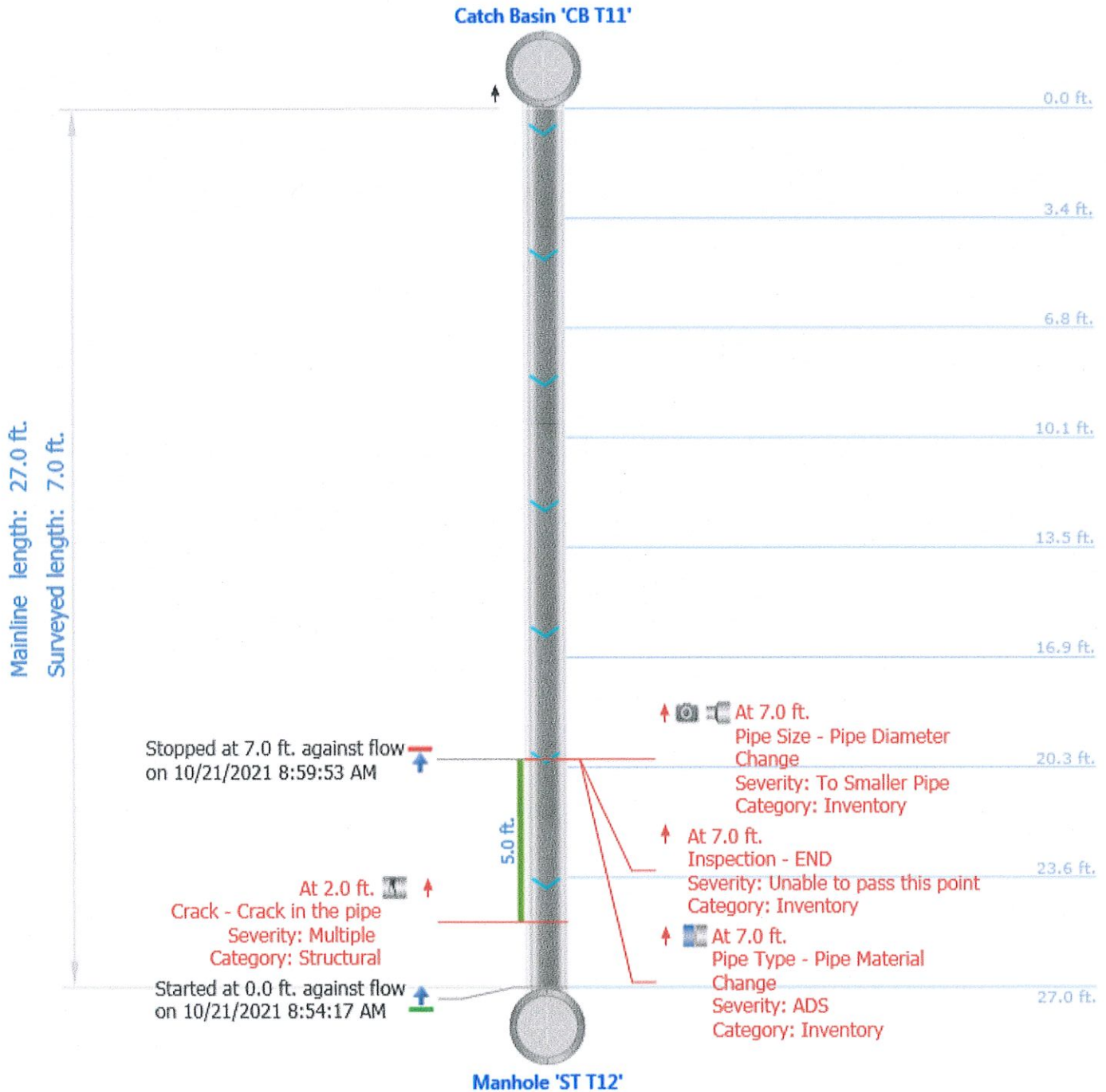
Observations

Distance	Dir.	Length	From/To	Code	Modifier/Severity	Rating	Comments
2.0 ft.	D	55.2 ft.	/	Crack	Multiple		
58.5 ft.	D		/	Inspection	End		

Inspection's photos

Main Inspections Pipe Run

Project name:	Mainline ID:	City:	Address:
10/21/21 KEYPORT 3RD ST STORM	KEYPORT 3RD ST CB T11 TO ST T12	KEYPOT NJ	3RD ST
Start date/time:	Direction:	Weather:	Surface condition:
10/21/2021 8:54 AM	Against the flow	Dry	Asphalt
Pipe shape:	Pipe material:	Pipe height:	Pipe width:
Circular	Clay	15.0 in.	



Main Inspections Small Photos

Mainline ID: KEYPORT 3RD ST CB T11 TO ST T12	City: KEYPOT NJ	Address: 3RD ST	Project name: 10/21/21 KEYPORT 3RD ST STORM
Start date/time: 10/21/2021 8:54 AM	Asset length: 27.0 ft.	Weather: Dry	Operator: John Read
Upstream node: CB T11	Depth US: 	Downstream node: ST T12	Depth DS:
Pipe shape: Circular	Pipe material: Clay	Pipe height: 15.0 in.	Pipe width:
Comments: 			

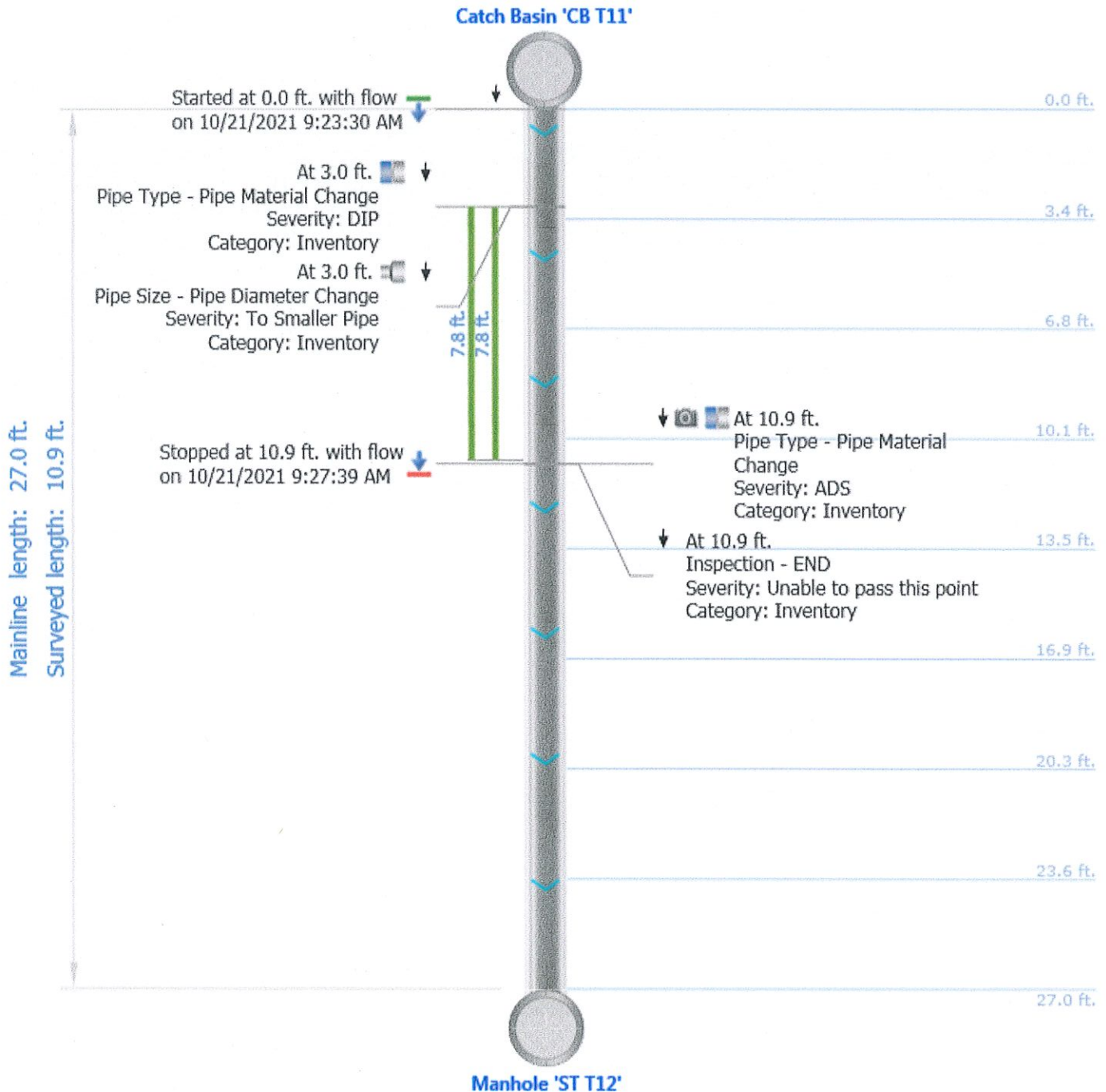
Observations

Distance	Dir.	Length	From/To	Code	Modifier/Severity	Rating	Comments
2.0 ft.	U	5.0 ft.	/	Crack	Multiple		
7.0 ft.	U		/	Pipe Size	To Smaller Pipe		
							
7.0 ft.	U		/	Pipe Type	ADS		
7.0 ft.	U		/	Inspection	Unable to pass this point		

Inspection's photos

Main Inspections Pipe Run

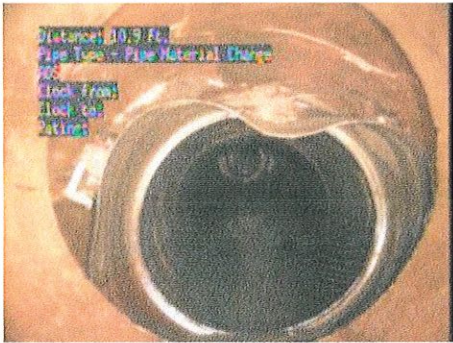
Project name:	Mainline ID:	City:	Address:
10/21/21 KEYPORT 3RD ST STORM	KEYPORT 3RD ST CB T11 TO ST T12	KEYPOT NJ	3RD ST
Start date/time:	Direction:	Weather:	Surface condition:
10/21/2021 9:23 AM	With the flow	Dry	Asphalt
Pipe shape:	Pipe material:	Pipe height:	Pipe width:
Circular	Clay	15.0 in.	



Main Inspections Small Photos

Mainline ID: KEYPORT 3RD ST CB T11 TO ST T12	City: KEYPOT NJ	Address: 3RD ST	Project name: 10/21/21 KEYPORT 3RD ST STORM
Start date/time: 10/21/2021 9:23 AM	Asset length: 27.0 ft.	Weather: Dry	Operator: John Read
Upstream node: CB T11	Depth US: 	Downstream node: ST T12	Depth DS:
Pipe shape: Circular	Pipe material: Clay	Pipe height: 15.0 in.	Pipe width:
Comments:			

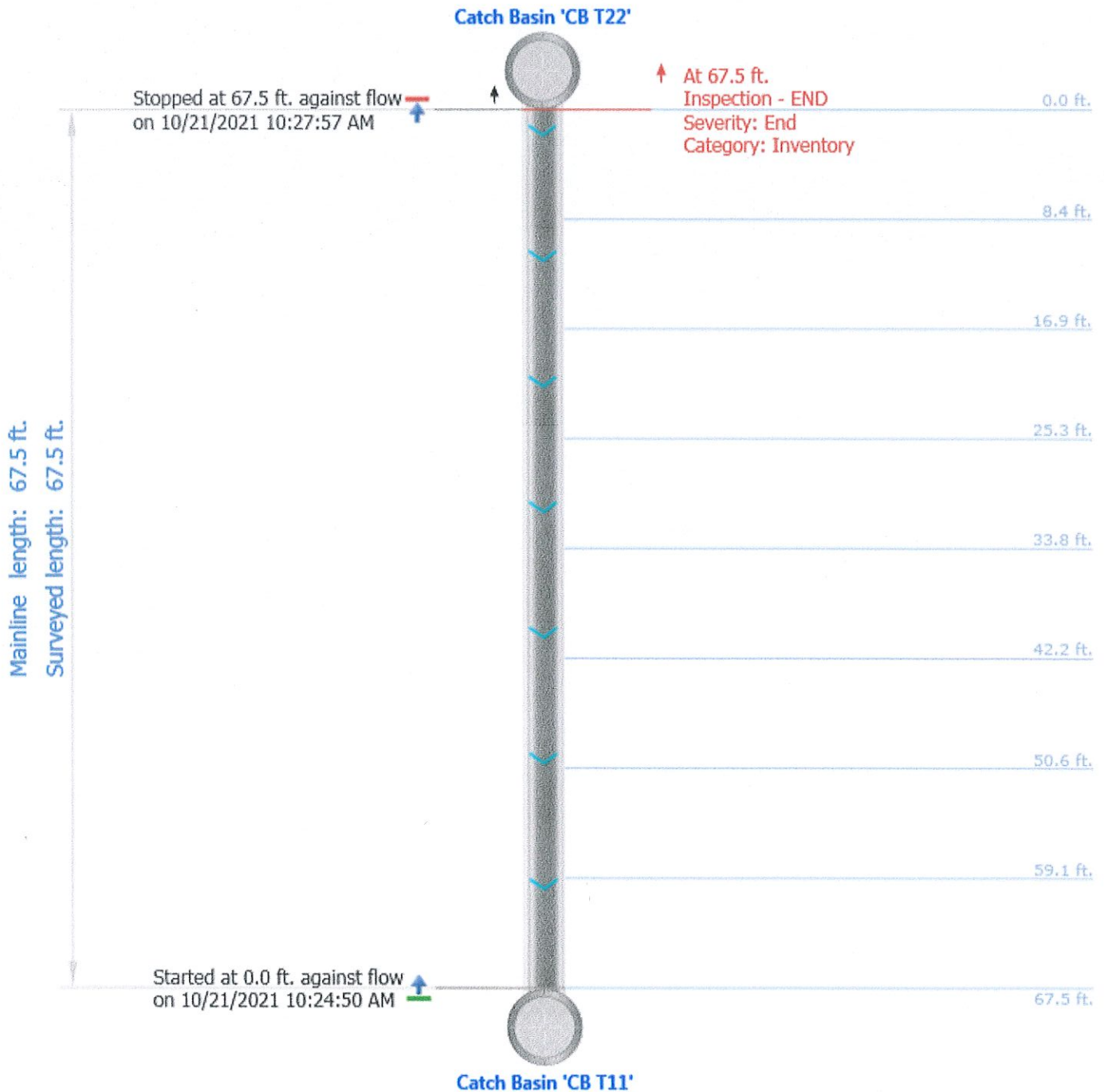
Observations

Distance	Dir.	Length	From/To	Code	Modifier/Severity	Rating	Comments
3.0 ft.	D	7.8 ft.	/	Pipe Type	DIP		
3.0 ft.	D	7.8 ft.	/	Pipe Size	To Smaller Pipe		
10.9 ft.	D		/	Pipe Type	ADS		
							
10.9 ft.	D		/	Inspection	Unable to pass this point		

Inspection's photos

Main Inspections Pipe Run

Project name:	Mainline ID:	City:	Address:
10/21/21 KEYPORT 3RD ST STORM	KEYPORT HAVEN WAY CB T22 TO CB T11	KEYPOT NJ	HAVEN WAY
Start date/time:	Direction:	Weather:	Surface condition:
10/21/2021 10:24 AM	Against the flow	Dry	Asphalt
Pipe shape:	Pipe material:	Pipe height:	Pipe width:
Circular	Concrete Reinforced	21.0 in.	



Main Inspections Small Photos

Mainline ID:	City:	Address:	Project name:
KEYPORT HAVEN WAY CB T22 TO CB T11	KEYPOT NJ	HAVEN WAY	10/21/21 KEYPORT 3RD ST STORM
Start date/time:	Asset length:	Weather:	Operator:
10/21/2021 10:24 AM	67.5 ft.	Dry	John Read
Upstream node:	Depth US:	Downstream node:	Depth DS:
CB T22		CB T11	
Pipe shape:	Pipe material:	Pipe height:	Pipe width:
Circular	Concrete Reinforced	21.0 in.	
Comments:			

Observations

Distance	Dir.	Length	From/To	Code	Modifier/Severity	Rating	Comments
67.5 ft.	U		/	Inspection	End		

Inspection's photos