Preliminary Pipe Inspection Report

I-77 Interchange near Exit 82 in York County





AET Services Robotic Inspections

Inspection Date	Mainline Pipe ID	Size	Material	Length	Problems (Y/N)
1/16/2020	EP-1501	15"	RCP	129.6	Yes
1/16/2020	EP-1503	15"	RCP	167.8	Yes
1/16/2020	EP-1850	15"	RCP	113.2	Yes
1/16/2020	EP-1001	18"	RCP	68.8	Yes
1/16/2020	EP-1504	18"	RCP	16.8	No
1/26/2020-					
1/27/2020	EP-1801	18"	RCP	101.5	Yes
1/26/2020-					
1/27/2020	EP-1802	18"	RCP	194.4	Yes
1/26/2020-					
1/27/2020	EP-1803	18"	RCP	210.6	Yes
1/26/2020-					
1/27/2020	EP-1804	18"	RCP	211	Yes
1/26/2020-					
1/27/2020	EP-1805	18"	RCP	194	Yes
1/26/2020-					
1/27/2020	EP-1806	18"	RCP	202	Yes
1/26/2020-					
1/27/2020	EP-1807	18"	RCP	186	Yes
1/26/2020-					
1/27/2020	EP-1808	18"	RCP	186	Yes
1/26/2020-					
1/27/2020	EP-1811	18"	RCP	170.5	Yes
1/26/2020-					
1/27/2020	EP-1812	18"	RCP	161.7	Yes
1/26/2020-	ED 1010	1.01	D.C.D.	100 5	
1/27/2020	EP-1813	18"	RCP	190.7	Yes
1/26/2020-	ED 1015	1.08	DCD	126.2	
1/27/2020	EP-1815	18"	RCP	136.3	Yes
1/26/2020- 1/27/2020	EP-1815.1	18"	RCP	65.2	Yes
1/26/2020-	EF-1013.1	10	KCP	03.2	1 08
1/27/2020	EP-1816	18"	RCP	187	Yes
1/26/2020-	11-1010	10	Ref	107	105
1/27/2020	EP-1817	18"	RCP	188	Yes
1/26/2020-		10		100	1.00
1/27/2020	EP-1818	18"	RCP	195.6	Yes
1/26/2020-					
1/27/2020	EP-1819	18"	RCP	186.8	Yes
1/26/2020-					
1/27/2020	EP-1820	18"	RCP	179	Yes
1/26/2020-					
1/27/2020	EP-1821	18"	RCP	162.4	Yes
1/26/2020-					
1/27/2020	EP-1822	18"	RCP	119.3	Yes

1/26/2020-					
1/27/2020	EP-1823	18"	RCP	80.3	Yes
1/26/2020-					
1/27/2020	EP-1824	18"	RCP	81.2	Yes
1/26/2020-					
1/27/2020	EP-1825	18"	RCP	96	Yes
1/26/2020-					
1/27/2020	EP-1826	18"	RCP	121.5	Yes
1/26/2020-					
1/27/2020	EP-1827	18"	RCP	121.4	Yes
1/26/2020-					
1/27/2020	EP-1828	18"	RCP	120	Yes
1/26/2020-	11-1020	10	KCI	120	105
1/27/2020	EP-1829	18"	RCP	176	Yes
1/26/2020-	LT-1029	10	KUT	170	1 05
1/27/2020	EP-1830	18"	RCP	179.2	Yes
		18"			
1/16/2020	EP-1832		RCP	14.9	Yes
1/16/2020	EP-1833	18"	RCP	88.6	Yes
1/16/2020	EP-1834	18"	RCP	58	Yes
1/16/2020	EP-1835	18"	RCP	31.5	Yes
1/16/2020	EP-1836	18"	RCP	42.8	Yes
1/15/2020	EP-1837	18"	RCP	125.3	Yes
1/15/2020	EP-1838	18"	RCP	321.4	Yes
1/9/2020	EP-1839	18"	RCP	279.7	Yes
1/9/2020	EP-1840	18"	RCP	181.7	Yes
1/9/2020	EP-1841	18"	RCP	49.5	Yes
1/9/2020	EP-1843	18"	RCP	70.8	Yes
1/15/2020	EP-1845.1	18"	RCP	113.9	Yes
1/15/2020	EP-1846	18"	RCP	115.1	Yes
1/15/2020	EP-1847	18"	RCP	119.2	Yes
1/15/2020	EP-1848	18"	RCP	109.8	Yes
1/15/2020	EP-1849	18"	RCP	110.1	Yes
1/16/2020	EP-1851	18"	RCP	112.7	Yes
1/16/2020	EP-1852	18"	RCP	126.6	Yes
1/16/2020	EP-1852.1	18"	RCP	138.4	Yes
1/26/2020-					
1/27/2020	EP-2401.2	18"	RCP	97.7	Yes
1/8/2020	Y18.1	18"	RCP	122.3	Yes
1/26/2020-					
1/27/2020	EP-1814	24"	RCP	187.1	Yes
1/26/2020-	1017		ACT.	10711	1.00
1/27/2020	EP-2401	24"	RCP	88	Yes
1/16/2020	EP-2401 EP-2402	24	RCP	54.3	Yes
1/16/2020	EP-2402 EP-2403	24	RCP	31.2	Yes
1/16/2020	EP-2403 EP-2404	24"	RCP	25.2	Yes
1/16/2020	EP-2404 EP-2405	24"	RCP		
				128.5	Yes
1/9/2020	EP-2407	24"	RCP	243.8	Yes

1/9/2020	EP-2408	24"	RCP	115.1	Yes
1/9/2020	EP-2409	24"	RCP	18.1	No
1/15/2020	EP-2410	24"	RCP	92.8	Yes
1/15/2020	EP-2411	24"	RCP	114.3	Yes
1/15/2020	EP-2412	24"	RCP	123.9	Yes
1/9/2020	EP-2413	24"	RCP	55.3	Yes
1/16/2020	EP-2414	24"	RCP	47.9	Yes
1/16/2020	EP-2415	24"	RCP	65.8	Yes
1/16/2020	EP-2416	24"	RCP	68.8	Yes
1/16/2020	EP-3001	24"	RCP	80.3	Yes
1/16/2020	EP-3002	30"	RCP	85.9	Yes
1/16/2020	EP-3600	36"	RCP	98.1	Yes
1/26/2020-					
1/27/2020	EP-3601	36"	RCP	96.1	Yes
1/16/2020	EP-3602	36"	RCP	58.1	Yes
1/16/2020	EP-3603	36"	RCP	36.4	Yes
1/8/2020	EP-42.1	42"	RCP	290.8	Yes
1/16/2020	EP-4803	48"	RCP	63.8	Yes
1/15/2020	EP-4804	48"	RCP	133	Yes
1/15/2020	EP-4805	48"	RCP	126.2	Yes
1/15/2020	EP-4806	48"	RCP	291.3	Yes
1/15/2020	EP-4807	48"	RCP	324.5	Yes
1/15/2020	EP-4808	48"	RCP	310.3	Yes
1/16/2020	EP-4809	48"	RCP	233.5	Yes
1/16/2020	EP-4810	48"	RCP	217.2	Yes
1/16/2020	EP-6001	60"	RCP	40	Yes
1/16/2020	EP-6002	60"	RCP	44.1	Yes
1/16/2020	EP-6003	60"	RCP	17	Yes
1/16/2020	EP-6004	60"	RCP	12	No
1/16/2020	EP-4811	72"	RCP	85	Yes
1/9/2020	EP-8401	84"	RCP	165	Yes
1/9/2020	EP-8402	84"	RCP	160	Yes
	pipes could not be inspec			the pipes. Im	ages included below.
Needs Cleaning	EP-1200	12"	RCP		
Needs Cleaning	EP-1500	15"	CMP		
Needs Cleaning	EP-1809	18"	RCP		
Needs Cleaning	EP-1810	18"	RCP		
Needs Cleaning	EP-1831	18"	RCP		
Needs Cleaning	EP-1842	18"	RCP		
Needs Cleaning	ECMP-1800	18"	CMP		
Needs Cleaning	EDPI-3600	36"	DIP		
Needs Cleaning	EP-3601 End	36"	RCP		
Needs Cleaning	EP-4801	48"	RCP		
Needs Cleaning	ECMP-4800	48"	CMP		



EP-1500









No images available for EP-1842.

ECMP-1800- Could not be accessed due to muddy access road.



EDPI-3600



EP-3601 End



ECMP-4800



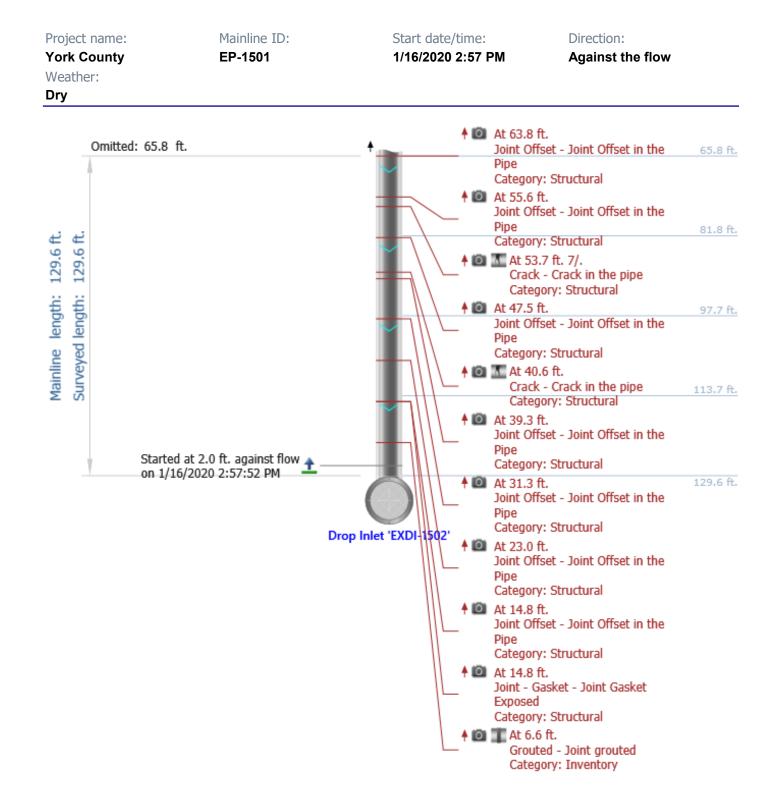
EP-4801





AET Services, LLC 623 Rices Creek Road Liberty, SC 29657 2504 River Road Piedmont, SC 29673 844-8TOPGUN

	Main Inspe	ctions Pip	e Run
Project name: York County Start date/time: 1/16/2020 2:57 PM Pipe shape: Circular	Mainline ID: EP-1501 Direction: Against the flow Pipe material: Concrete Reinforced	City: Rock Hill Weather: Dry Pipe height: 15.0 in.	Address: Paragon Way Surface condition: Other Pipe width: 15.0 in.
Standa at	Drop Ir 129.6 ft. against flow	nlet 'EXDI-1501'	At 129.6 ft.
	20 3:16:11 PM	+ 10	End-of-Pipe 0.0 ft Category: Inventory At 120.7 ft. Joint Offset - Joint Offset in the 14.4 ft Pipe
		+ @	Category: Structural At 112.4 ft. Joint Offset - Joint Offset in the 28.9 ft Pipe
Mainline length: Surveyed length:		→	Category: Structural At 104.4 ft. Joint Offset - Joint Offset in the 43.3 ft Pipe Category: Structural
Omitted: 71.9 ft		↓	At 96.3 ft. Joint Offset - Joint Offset in the Pipe Category: Structural
		\\\ ↑ @	At 96.3 ft. Joint - Gasket - Joint Gasket Exposed Category: Structural
		\ ↑ ©	At 88.1 ft. Joint Offset - Joint Offset in the Pipe Category: Structural
			At 80.1 ft. Joint Offset - Joint Offset in the Pipe Category: Structural
		↑ ∎	At 71.9 ft. Joint Offset - Joint Offset in the Pipe





AET Services, LLC 623 Rices Creek Road Liberty, SC 29657 2504 River Road Piedmont, SC 29673 844-8TOPGUN

Main Inspections Small Photos

Mainline ID:	City:	Address:	Project name:	
EP-1501	Rock Hill	Paragon Way	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/16/2020 2:57 PM	129.6 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EXDI-1501		EXDI-1502		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	15.0 in.	15.0 in.	
Comments:				

Observations

Distance	Dir. Length	From/To	o Code	Modifier/Severity	Rating	Comments
6.6 ft.	U	1	Grouted			
Distance: Grouted - Clock fro Clock to Ratings	6.6 ft. Dint grouted	A Farmer	P			

14.8 ft. U / Joint Offset



14.8 ft. U / Joint - Gasket Exposed Joint - Gasket - Joint Gasket Exposed Clock from: Rating: I I I I I I I I I I I I I I I I I I I	omments	Rating	Modifier/Severity	o Code	From/To	Dir. Length	Distance
Joint - Gasket - Joint Gasket Exposed Clock from:				Joint - Gasket	1	U	4.8 ft.
Joint - Gasket - Joint Gasket Emposed Clock from: Clock to: Rating:				P		:14,8 ft.	Distance:
Fating						Gasket - Joint Gask DM:	Joint - G Clock fro
							Ratinj.
				100		A	
				100			
				1.1.1.1			

23.0 ft. U / Joint Offset

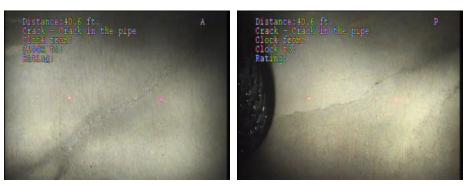


31.3 ft. U / Joint Offset



			0.20			
Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
39.3 ft.	U	1	Joint Offset			
		Contraction of				
	ALC: NO.					
the These	1					
Contraction of the			No.			
E.	A COMPANY		WHAN D			
	the states of the	49.4 31.				
	and the second		110 1			





47.5 ft. U / Joint Offset



55.6 ft. U / Joint Offset



63.8 ft. U / Joint Offset



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
71.9 ft.	U	1	Joint Offset			
Distance	:71.9 ft. İset - doint Offset	1. 200 000	P			
	None and Control of Co	in the Pipe				
Clock ty Clock Bo Fetings						
and the second			199			
	AND DE BRITS		100			

80.1 ft. U / Joint Offset



88.1 ft. U / Joint Offset



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
96.3 ft.	U	Ι	Joint Offset			
Distance:9	10 A 24		n			
Joint Offs	et - Joint Offset	in the Pipe	2			
	15					
Patings						
	Sanda Sanda					
			1000			
	and the second second		12.000			
	1					

96.3 ft. U / Joint - Gasket



104.4 ft. U / Joint Offset



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
112.4 ft.	U	Ι	Joint Offset			
Distance: Joint Of	112.4 ft. Set - Joint Offset	in the Pipe				
Clock fre Clock 50	CONTRACTOR OF CONTRACTOR					
Raturgs						
	•					

120.7 ft. U / Joint Offset



129.6 ft. U / End of Pipe



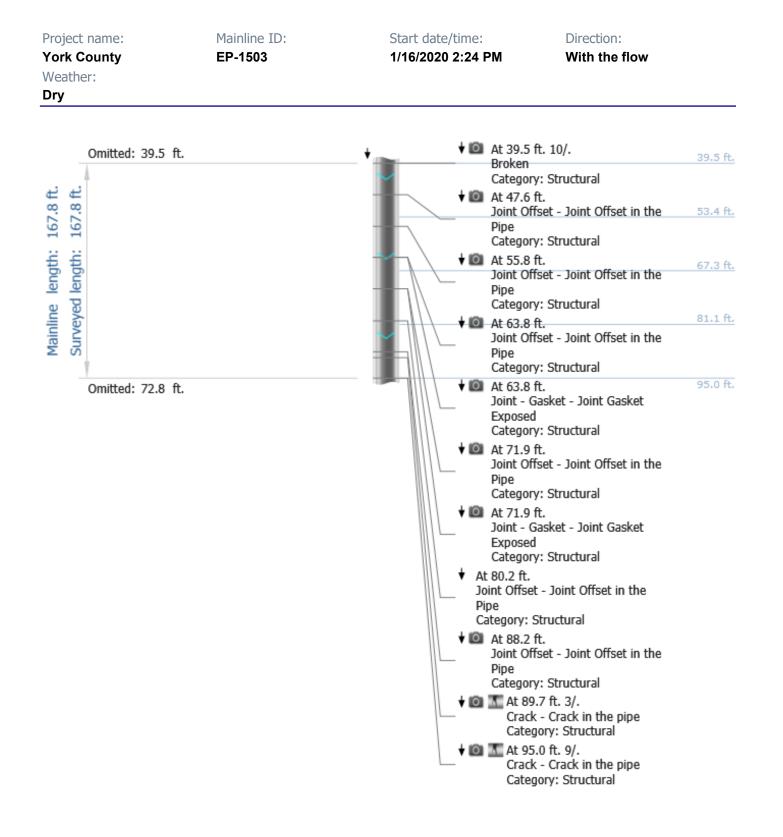
Inspection's photos

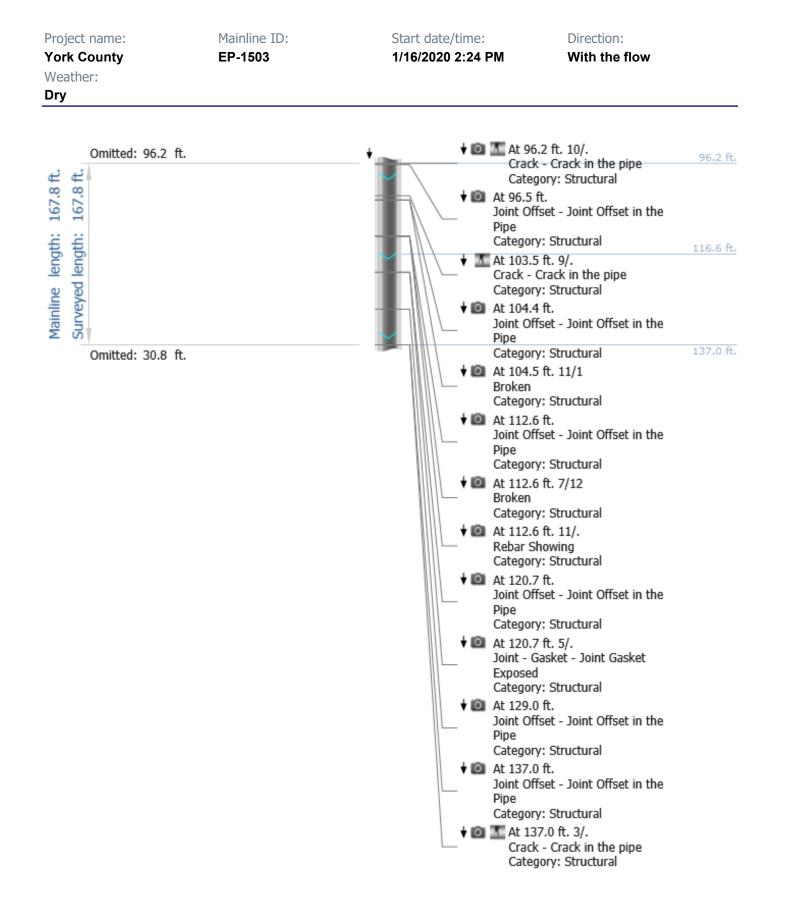


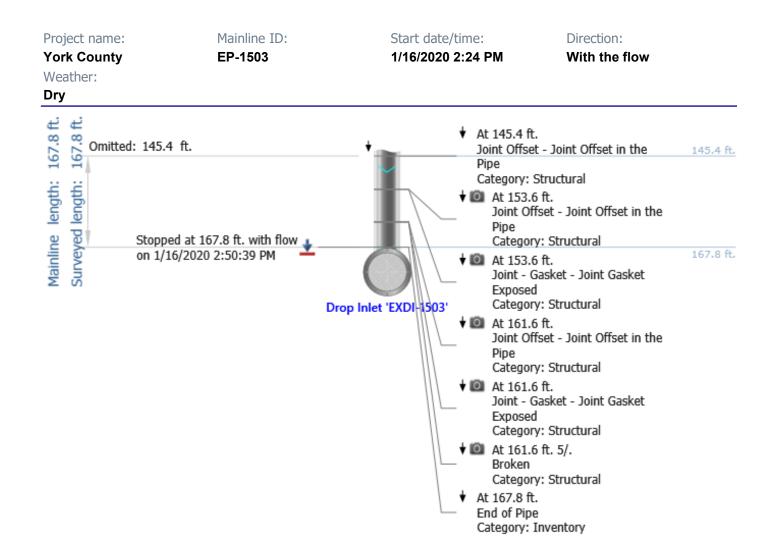


AET Services, LLC 623 Rices Creek Road Liberty, SC 29657 2504 River Road Piedmont, SC 29673 844-8TOPGUN

	Main Inspe	ctions Pipe	e Run	
Project name: York County Start date/time: 1/16/2020 2:24 PM Pipe shape:	Mainline ID: EP-1503 Direction: With the flow Pipe material:	City: Rock Hill Weather: Dry Pipe height:	Address: Paragon Way Surface condition: Other Pipe width:	
Circular	Concrete Reinforced	15.0 in.	15.0 in.	
	Drop In ed at 2.0 ft. with flow	let 'EXDI-1502'	At 6.7 ft. Joint	0.0 ft.
Surveyed length: Owitted: 158'3 t			Category: Inventory At 6.7 ft. 1/. Broken Category: Structural Comments: Chip At 14.9 ft.	<u>19.8 ft.</u>
Direction of the second	ft.	+ 10 + 10 + At Jo Pi Ca + 10	Joint Category: Inventory At 23.0 ft. Joint Category: Inventory At 23.0 ft. 7/9 Broken Category: Structural Comments: Chip 31.3 ft. int Offset - Joint Offset in the pe ategory: Structural At 39.5 ft. Joint Offset - Joint Offset in the Pipe Category: Structural At 39.5 ft. 3/. Crack - Crack in the pipe Category: Structural At 39.5 ft. Joint - Gasket - Joint Gasket Exposed Category: Structural	39.5 ft.









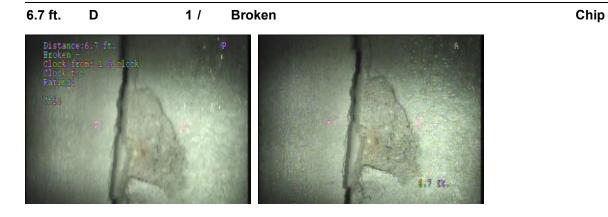
AET Services, LLC 623 Rices Creek Road Liberty, SC 29657 2504 River Road Piedmont, SC 29673 844-8TOPGUN

Main Inspections Small Photos

	_			
Mainline ID:	City:	Address:	Project name:	
EP-1503	Rock Hill	Paragon Way	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/16/2020 2:24 PM	167.8 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EXDI-1502		EXDI-1503		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	15.0 in.	15.0 in.	
Comments:				

Observations

Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
6.7 ft.	D	1	Joint			
	A STREET		A			
Sector State						
Sector States			10.715			
	-		t. Y S O			
		and the second				
I Share	14	6.7 36,				
	and the second					



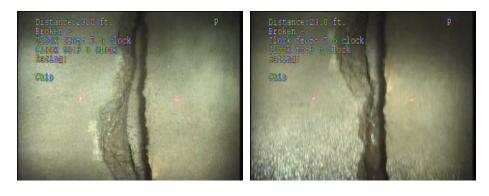
Main Inspections Small Photos

Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
14.9 ft.	D	1	Joint			
Distance: Joint - Clock for Randing:	:14.9 ft.		A			





23.0 ft. D 7 / 9 Broken

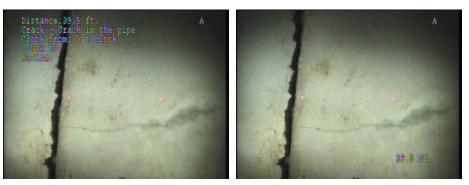


31.3 ft. D / Joint Offset

Chip

Distance Di	r. Length From/To	Code	Modifier/Severity	Detine	
			Mouner/Sevency	Rating	Comments
39.5 ft. D	1	Joint Offset			
		Ă.			
Contraction of the	Martin Landition				
10 3	1 2 30				
	the the				
	1.5				
Bearing and	39.6 38.				





39.5 ft. D / Joint - Gasket



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
39.5 ft.	D	10 /	Broken			
Distance Bicken - Clock Fr Clock Fr Clock Fr Clock Fr	sg.s ft.		*			

47.6 ft. D / Joint Offset



55.8 ft. D / Joint Offset



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
63.8 ft.	D	1	Joint Offset			
Distance Joint Of	:63.8 ft. fset - Joint Offset	: in the Pipe	P			
Clock fr Clock to Rating:	em:	5				
			T			

63.8 ft. D / Joint - Gasket



71.9 ft. D / Joint Offset

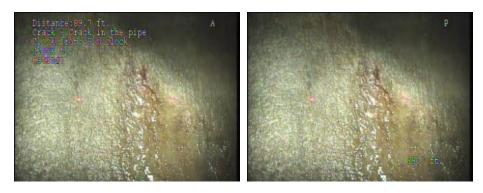


Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
71.9 ft.	D	Ι	Joint - Gasket			
Distance: Joint - S	71.9 ft. asket - Joint Gask	et Exposed	X			
Clock Br Clock to: Rating:	71.9 ft. asket - Joint Gask m:					
			100			
			2			
80.2 ft.	D	1	Joint Offset			

88.2 ft. D / Joint Offset



89.7 ft. D 3 / Crack



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
95.0 ft.	D	9 /	Crack			
Distance Crack - (Clock fr Clock fo Rating	195.0 ft. Prack in the pipe Smc 9 o slock		A			





96.5 ft. D / Joint Offset



103.5 ft. D	9 /	Crack
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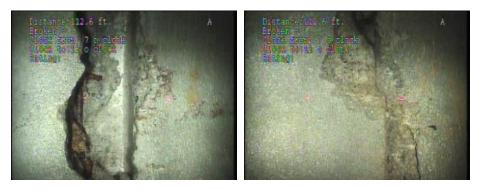
112.6 ft. D / Joint Offset



Distance Dir. Length From/To Code Modifier/Severity

Rating Comments

112.6 ft. D 7 / 12 Broken



112.6 ft. D 11 / Rebar Showing



120.7 ft. D / Joint Offset



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
120.7 ft.	D	5 /	Joint - Gasket			
Distance, Joint - C Clock Der Rethere	110,7 ft. Sabati - Joint Gaske ge 5 p clock	t Exposed A				

129.0 ft. D / Joint Offset



137.0 ft. D / Joint Offset



 Distance
 Dir. Length
 From/To
 Code
 Modifier/Severity
 Rating
 Comments

 137.0 ft.
 D
 3 /
 Crack

 Distance:
 137.0 ft.
 D
 A
 Crack

 Distance:
 137.0 ft.
 D
 A
 Crack

 Distance:
 137.0 ft.
 D
 A
 Crack

 Distance:
 Prove:
 Prove:
 A
 A

 45.4 ft. D / Joint Offset

153.6 ft. D / Joint Offset



153.6 ft. D / Joint - Gasket



Main Inspections Small Photos

Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
161.6 ft.	D	1	Joint Offset			
Distance	161.6 ft.		D			
Joint Of	lset - Joint Offset	in the Pipe				
Clock fro Clock for Retains:		Contraction of the				
Retuin		A DECK				
	TO A S	P. P. P.	and the second se			
	ALC: NOT THE REAL PROPERTY OF	100533	Star Barris			

161.6 ft. D / Joint - Gasket



161.6 ft. D 5 / Broken



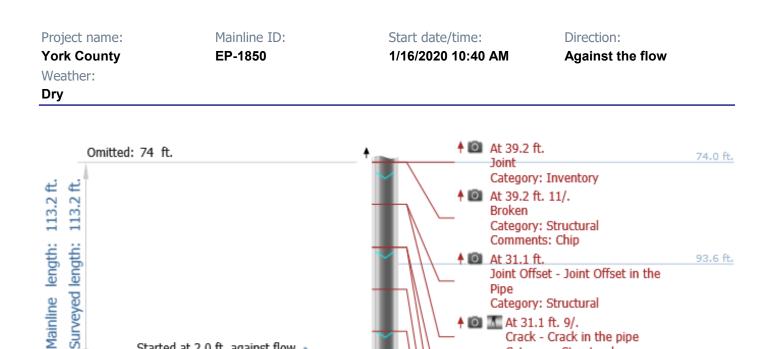
167.8 ft. D / End of Pipe

Inspection's photos

EP-1850



	Main Inspe	ctions Pip	e Run	
Project name:	Mainline ID:	City:	Address:	
York County	EP-1850	Rock Hill	Paragon Way	
Start date/time:	Direction:	Weather:	Surface condition:	
1/16/2020 10:40 AM	Against the flow	Dry	Other	
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	18.0 in.	18.0 in.	
	Drop l	nlet 'EXDI-34'		
	13.2 ft. against flow 🛖	• •	At 113.2 ft. End of Pipe	0.0 ft.
on 1/16/2020) 11:04:27 AM 🕈	✓	Category: Inventory	
		+ (O)	At 104.4 ft.	
			Joint Offset - Joint Offset in the	
			Pipe	16.5 ft.
113.2 ft. 113.2 ft.			Category: Structural At 96.1 ft.	
13 13			Joint Offset - Joint Offset in the	
		— \ \	Pipe	
ë ë			Category: Structural	33.0 ft.
light ingt			Comments: Misaligned	33.0 10
e e			At 88.1 ft. Joint Offset - Joint Offset in the	
ine 'Ye			Pipe	
Mainline length: Surveyed length:			Category: Structural	10.10
S No.		+0	At 79.9 ft.	49.4 ft.
			Joint Offset - Joint Offset in the	
			Pipe Category: Structural	
			Comments: Misaligned	
Omitted: 47.3 ft.			At 71.9 ft.	65.9 ft.
Officieu: 47.3 ft.			Joint Offset - Joint Offset in the	
			Pipe Category: Structural	
		111	Comments: Misaligned	
		▲ 1 0	At 63.6 ft.	
		11	Joint	
			Category: Inventory	
		+ 🖸	At 55.6 ft.	
		1-	Joint Category: Inventory	
		A 101	At 47.3 ft.	
			Joint	
			Category: Inventory	



Catch Basin 'EXCB-1820'

Started at 2.0 ft. against flow 🔺

on 1/16/2020 10:40:32 AM

🛉 🔟 📶 At 22.8 ft. 9/.

At 22.8 ft.

Pipe

♦ 🙆 At 14.7 ft. Joint

🕈 🔟 🛛 At 6.6 ft. Joint

Crack - Crack in the pipe

Joint Offset - Joint Offset in the

Crack - Crack in the pipe Category: Structural

Category: Structural

Category: Structural

Category: Inventory

Category: Inventory

113.2 ft.



Main Inspections Small Photos

Mainline ID:	City:	Address:	Project name:	
EP-1850	Rock Hill	Paragon Way	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/16/2020 10:40 AM	113.2 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EXDI-34		EXCB-1820		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	18.0 in.	18.0 in.	
Comments:				

Observations

Distance	Dir. Length	From/To	o Code	Modifier/Severity	Rating	Comments
6.6 ft.	U	1	Joint			
Distance Joint - Clock Sp Clock Sp Eschage	GLE ER.		P			

14.7 ft. U / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
22.8 ft.	U	1	Joint Offset			
Distance	133.8 ft. fet - Joint Offset	P. I. P.				
		in the Pipe				
CLOCK IS	<u>Sin e</u>	1 PA	100			
fiber 50 Ratings		p	COT C.			
Will Wi		Participa	1			
a m	Carton Contra	100 70	100			
57 1 1	a contract of	1 Shanna	200			
100000000000000000000000000000000000000		12345 (B)	199			

22.8 ft. U 9 / Crack



31.1 ft. U / Joint Offset



Distance Dir. Length From/To Code Modifier/Severity Rating Comments 9 / 31.1 ft. U Crack 39.2 ft. U Joint 1 39.2 ft. U 11 / Chip Broken

Distance	Dir. Length	From/T	o Code	Modifier/Severity	Rating	Comments
47.3 ft.	U	1	Joint			
Distance	(47.3 fR.		A			
Joint - Clock fro Clock to Ration	1112					
Rating		2.10				
		Per bas	-FA			
			~ ~			
weite :	·					
	A SHALL CHARTER AND A SHALL AND A S	A SALVER DAL HARD	1.			





63.6 ft. U / Joint



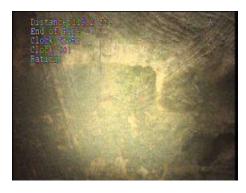
			Observati	UIIS		
Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
71.9 ft.	U	1	Joint Offset			Misaligned
Distance Joint Of Cleak So Cathor Cat		n the Pipe				
79.9 ft.	U	1	Joint Offset			Misaligned
Distance Joint Of Clock Es Clock De Reting Hisald ga		P in the Pipe				
88.1 ft.	U	1	Joint Offset			
Distance Joint Of	:98.1 it. fset - dunt Offset	P in the Pipe				

Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
96.1 ft.	U	1	Joint Offset			Misaligned
Distance:	96.1 fr. Set - Jiltt Difset	No.	P ¹			
		in cue sibe				
Clock for Clock son Ratign			1			
Misalim:						
	李二十					
		2111	1 and 1			
1 com	X					

104.4 ft. U / Joint Offset



113.2 ft. U / End of Pipe



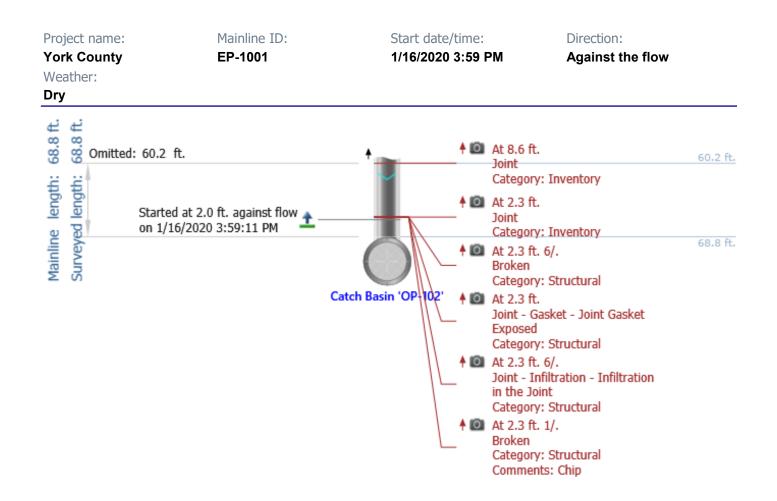
Inspection's photos



EP-1001



	Main Inspe	ctions Pip	e Run	
Project name:	Mainline ID:	City:	Address:	
ork County	EP-1001	Rock Hill	Corporate Blvd	
tart date/time:	Direction:	Weather:	Surface condition:	
/16/2020 3:59 PM	Against the flow	Dry	Asphalt	
ipe shape:	Pipe material:	Pipe height:	Pipe width:	
ircular	Concrete Reinforced	18.0 in.	18.0 in.	
	Catch	Basin 'OP-101'		
	t 68.8 ft. against flow 🛖	● + i	At 68.8 ft. End of Pipe	0.0 ft
on 1/16/20	020 4:09:38 PM T	\sim	Category: Inventory	
		*	At 66.0 ft.	
			Joint	7.5 ft
			Category: Inventory	
			At 66.0 ft. 5/7 Broken	
			Category: Structural	15.0 ft
		→ #	At 58.1 ft.	
		`	Joint	
ř. ř.			Category: Inventory	22.5 ft
68.8 ft. 68.8 ft.		+	At 50.0 ft. Joint	
			Category: Inventory	
E E		*	At 41.4 ft.	30.1 ft
ence			Joint	
- <u>-</u>			Category: Inventory	
eye		†	At 33.3 ft. Joint	37.6 ft
Mainline length: Surveyed length:			Category: Inventory	
2 0		A 10	At 24.9 ft.	
		× •	Joint	45.1 ft
			Category: Inventory	101210
		+ K	At 17.0 ft. Joint	52.6 ft
		\sim	Category: Inventory	02.0 H
		+ 6	At 8.7 ft. 10/2 Joint - Gasket - Joint Gasket	
Omitted: 8.7 ft.			Exposed	60.1 ft
onitted, 0.7 It.			Category: Structural	





Main Inspections Small Photos

Mainline ID:	City:	Address:	Project name:	
EP-1001	Rock Hill	Corporate Blvd	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/16/2020 3:59 PM	68.8 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
OP-101		OP-102		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	18.0 in.	18.0 in.	
Comments:				

Observations

Distance	Dir. Length	From/To	o Code	Modifier/Severity	Rating	Comments
2.3 ft.	U	1	Joint			
Distance: Joint - Clock Ss Dices, Boo Ratings	2.3 ft.		A			

2.3 ft.	U	6 /	Broken
	-	• •	



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



2.3 ft. U	6 /	Joint - Infiltration
-----------	-----	----------------------



2.3 ft. U 1 / Broken



С	h	i	p
-	•••	•	Μ

Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
8.6 ft.	U	Ι	Joint			
Distance Joint - Clock fr Clock to Rating:	:B.5 ft. om:		P			

8.7 ft. U 10 / 2 Joint - Gasket



17.0 ft. U / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
24.9 ft.	U	1	Joint			
Distance Joint - Clock fr Clock bo Rating:	24.9 ft.	F				





41.4 ft. U / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
50.0 ft.	U	1	Joint			
Distance Joint - Clock Joy Clock Bon Satdagi	:50.0 ft.	٨				
	. 1					





66.0 ft. U / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
66.0 ft.	U	5 / 7	Broken			
Distance Broken – Clock de Clock de Clock de Clock de Clock de	165-0 ft. auc 3 b'alcok 7 e elgek	A				

68.8 ft. U / End of Pipe



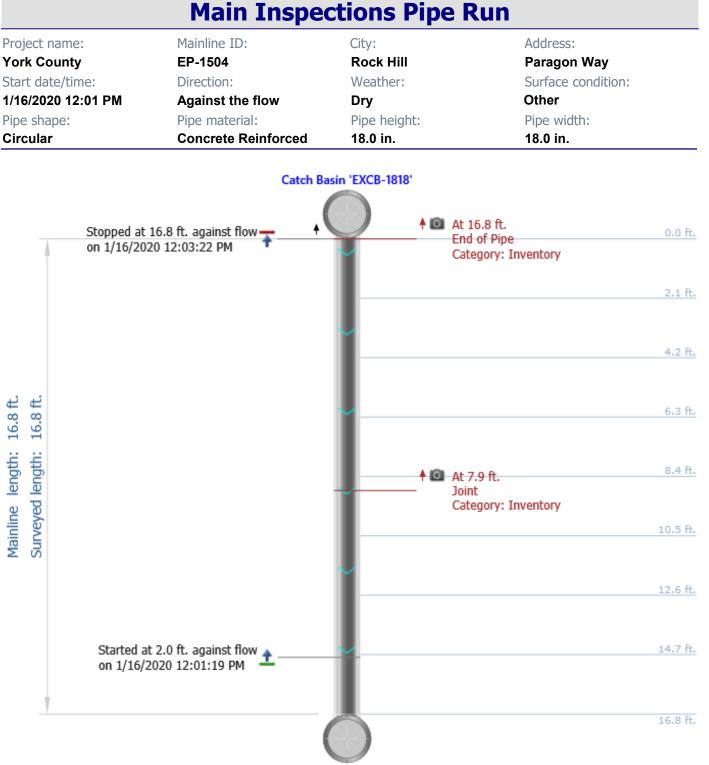
Inspection's photos



Main Inspections Small Photos

EP-1504





Drop Inlet 'EXDI-35'



Main Inspections Small Photos

Mainline ID:	City:	Address:	Project name:	
EP-1504	Rock Hill	Paragon Way	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/16/2020 12:01 PM	16.8 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EXCB-1818		EXDI-35		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	18.0 in.	18.0 in.	
Comments:				

Observations

Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
7.9 ft.	U	1	Joint			
Distance Joint - Clock is Clock is Fatures	27.9 68. 907		Ą			
Bating:						
	1.7					
			1			
	1		100			
The second	all A					

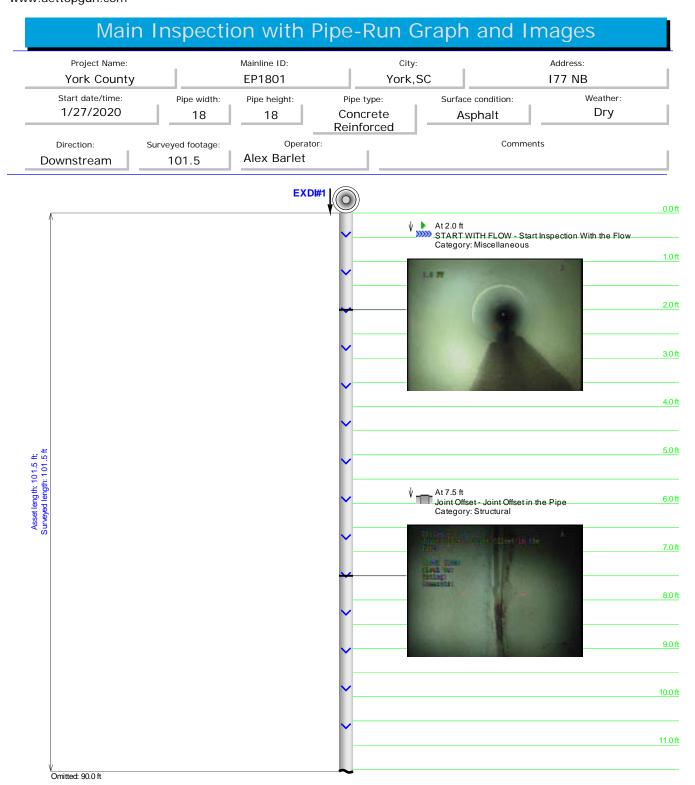
16.8 ft. U / End of Pipe

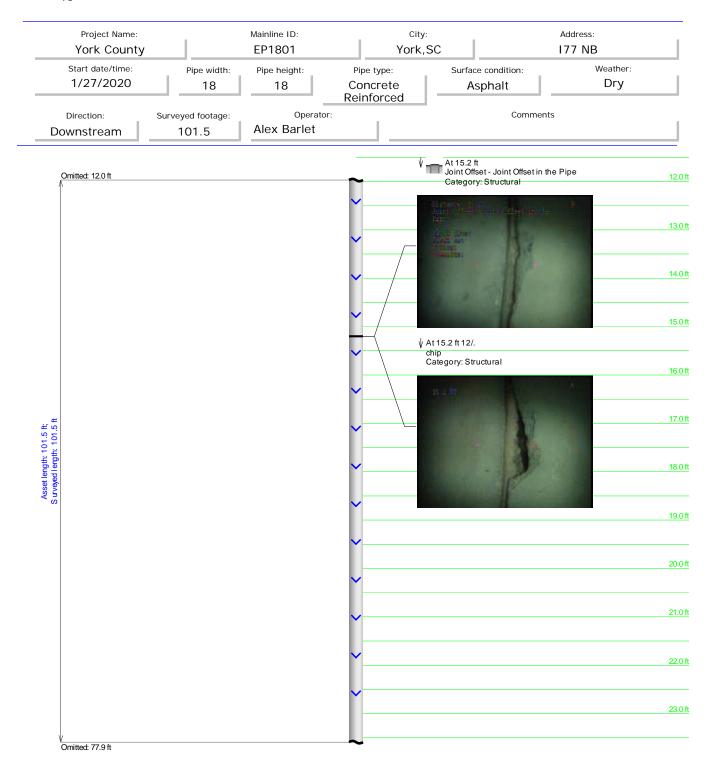


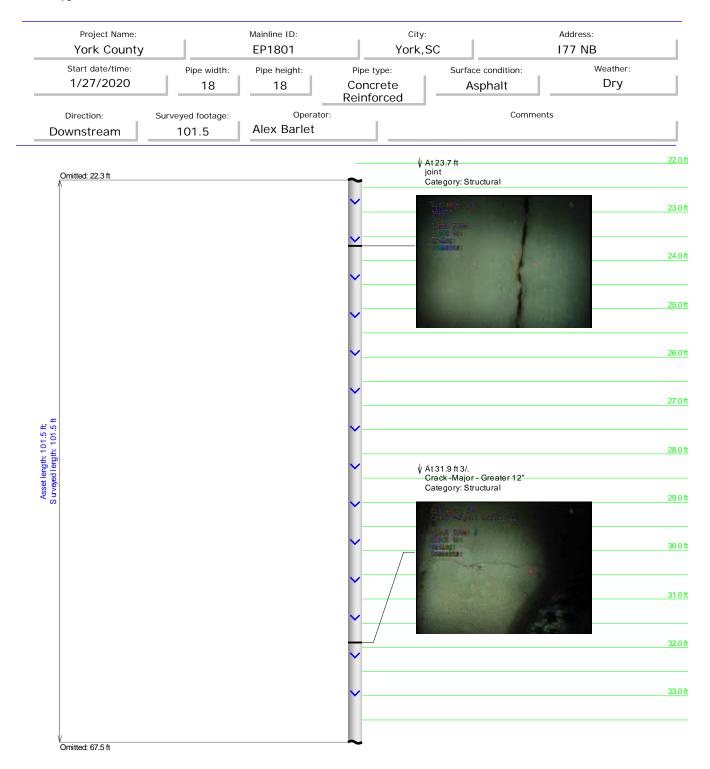
Inspection's photos

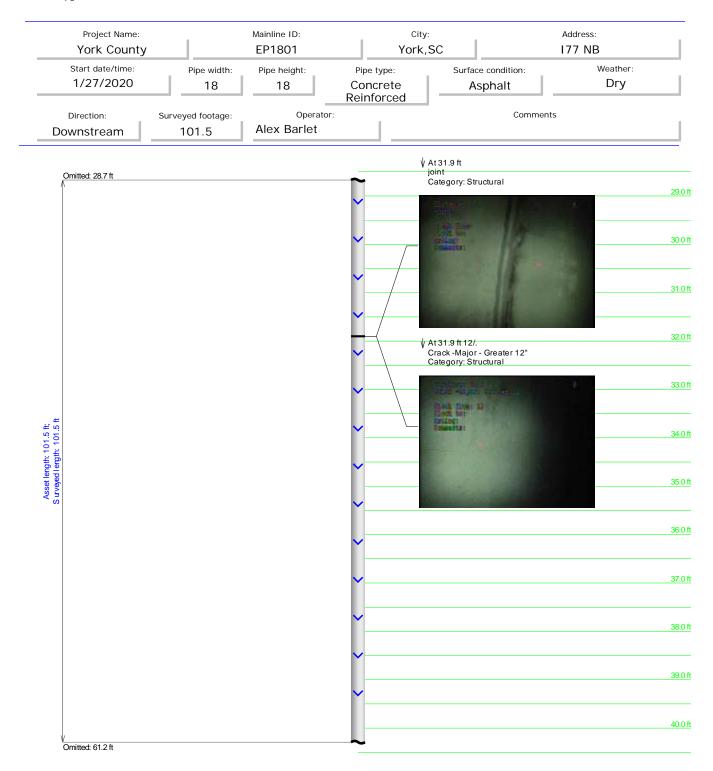


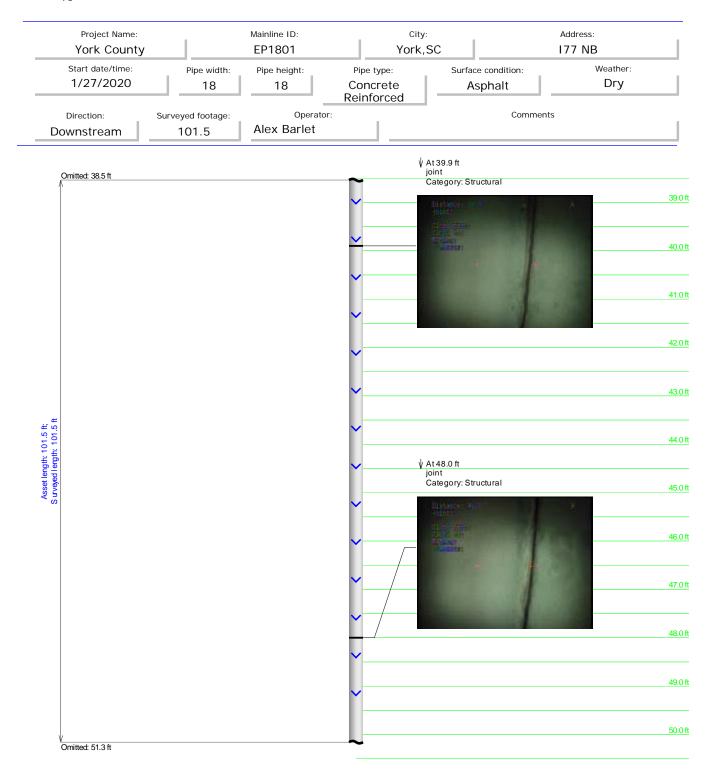
EP-1801

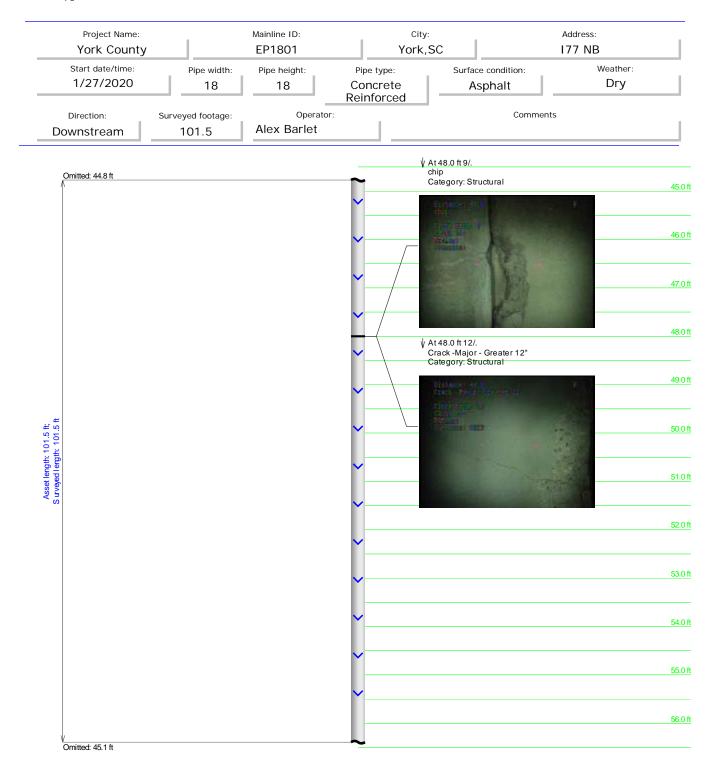




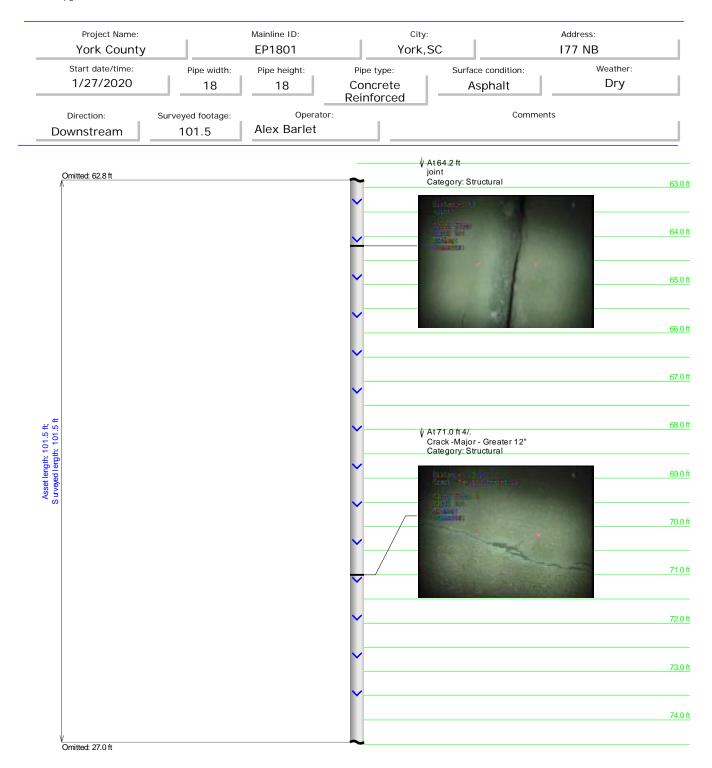




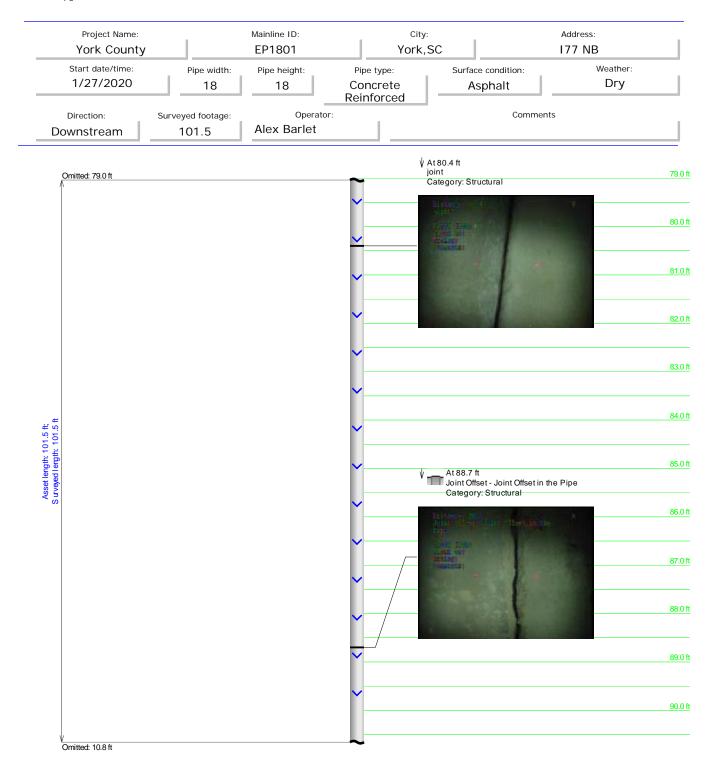


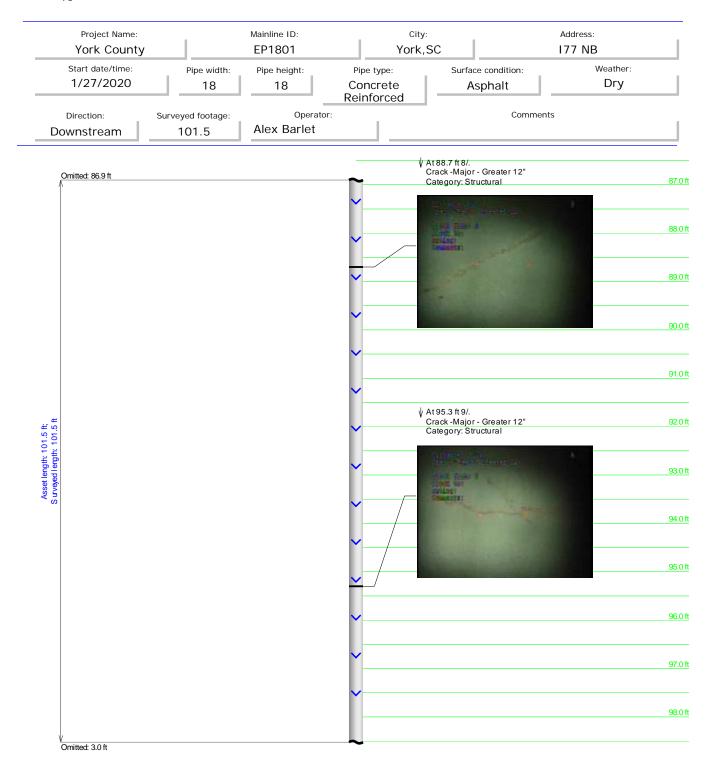


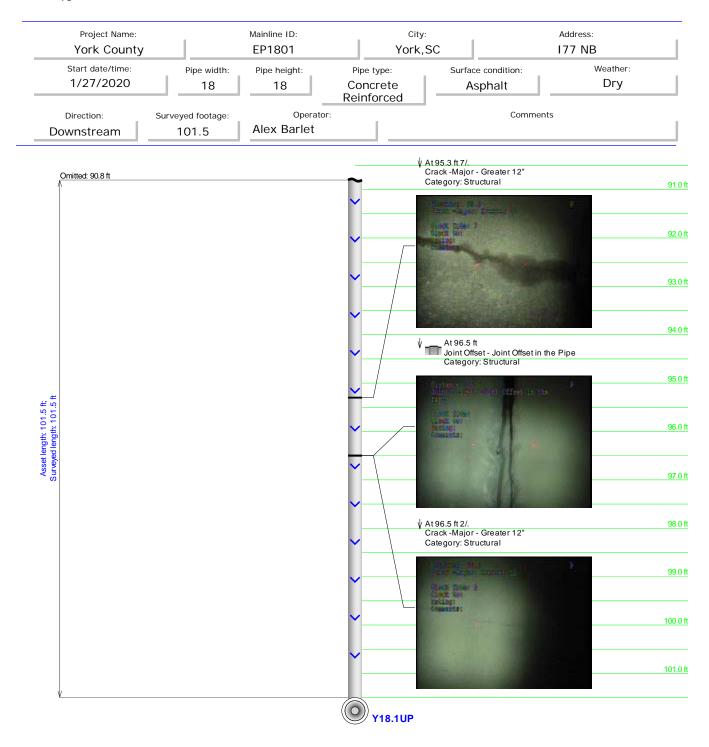


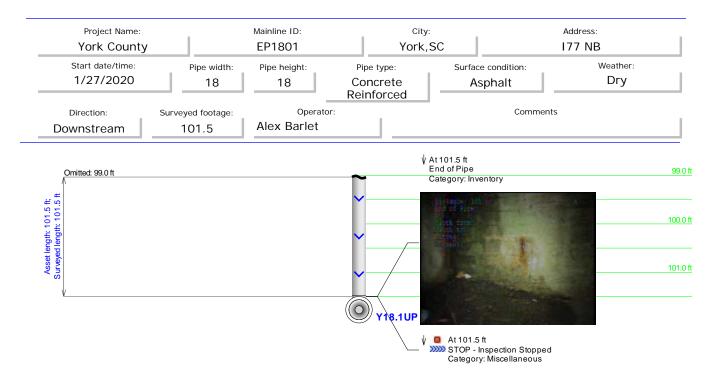




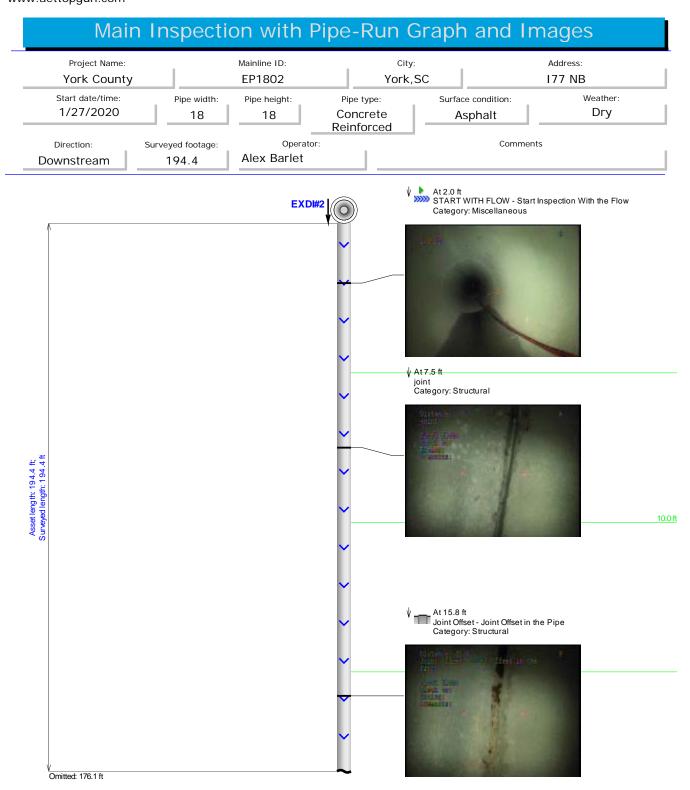


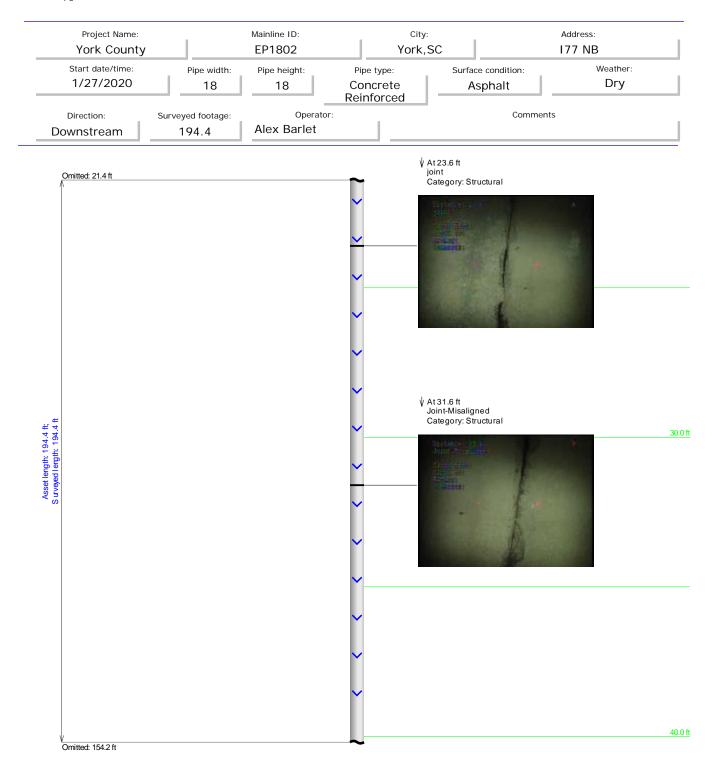


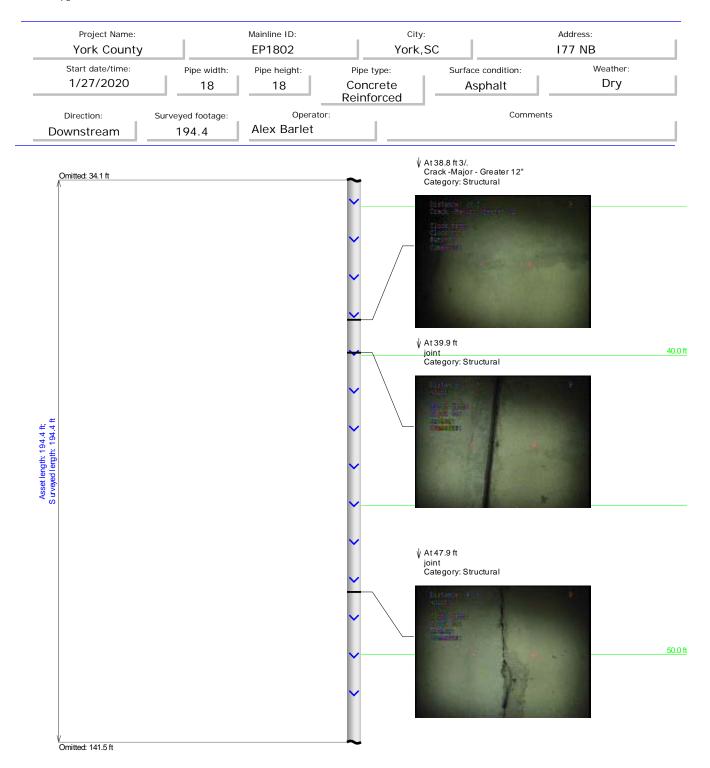


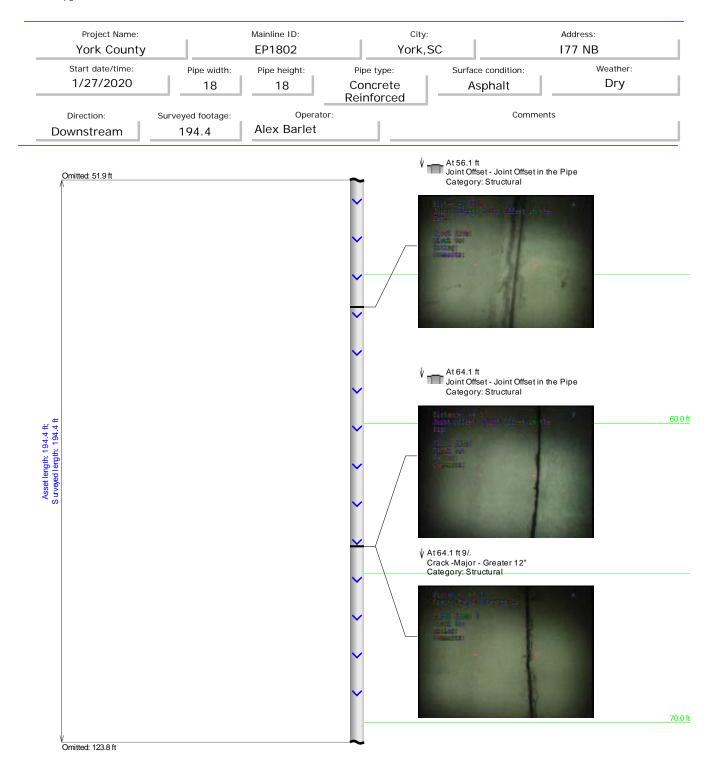


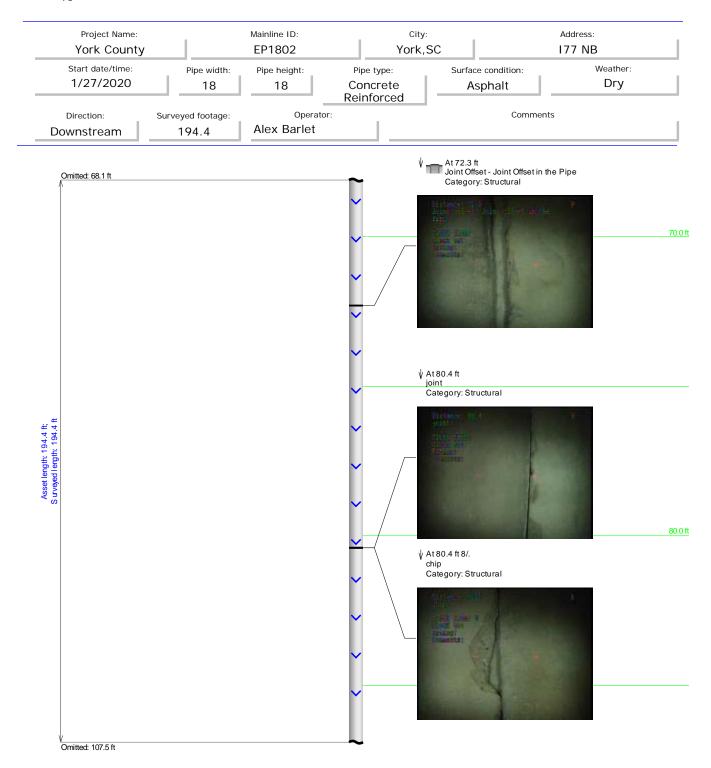
EP-1802

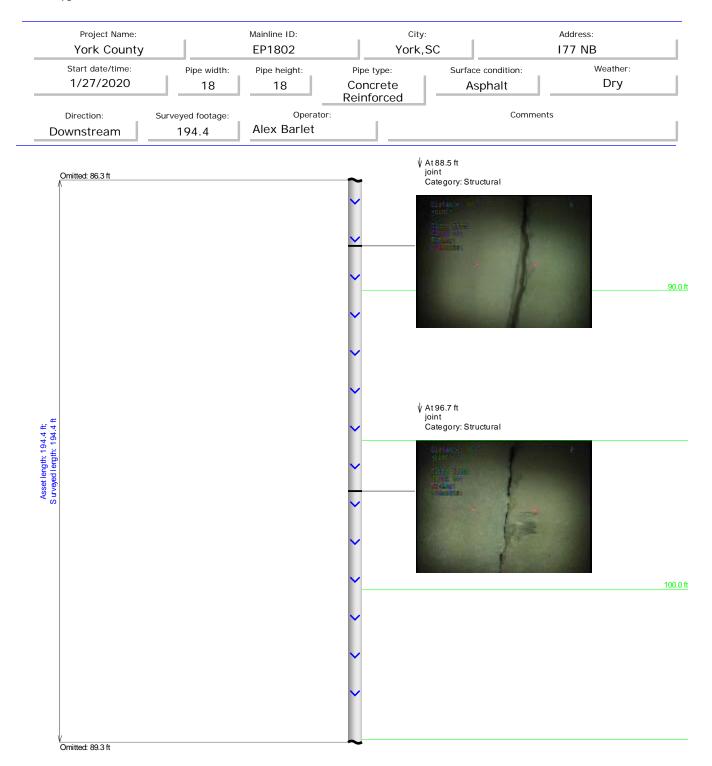


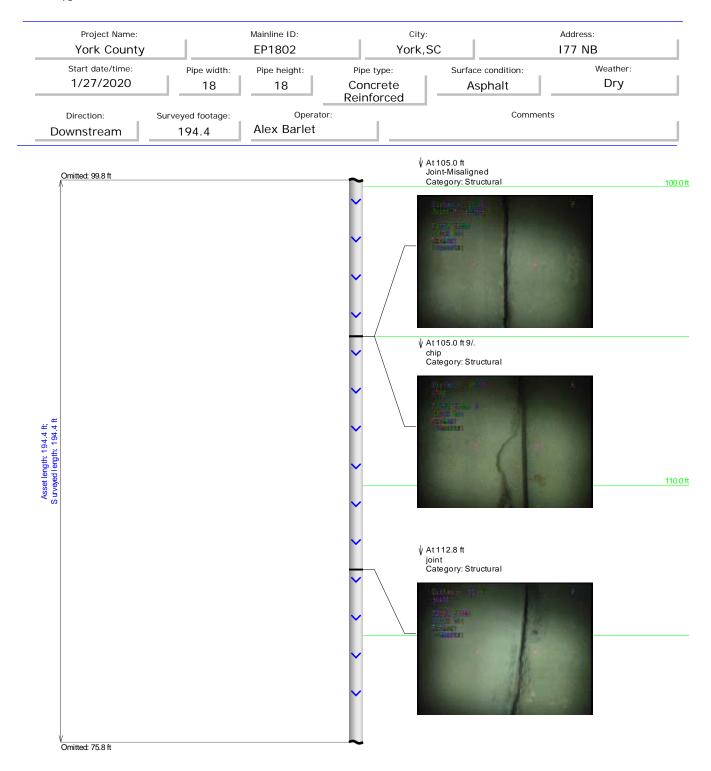


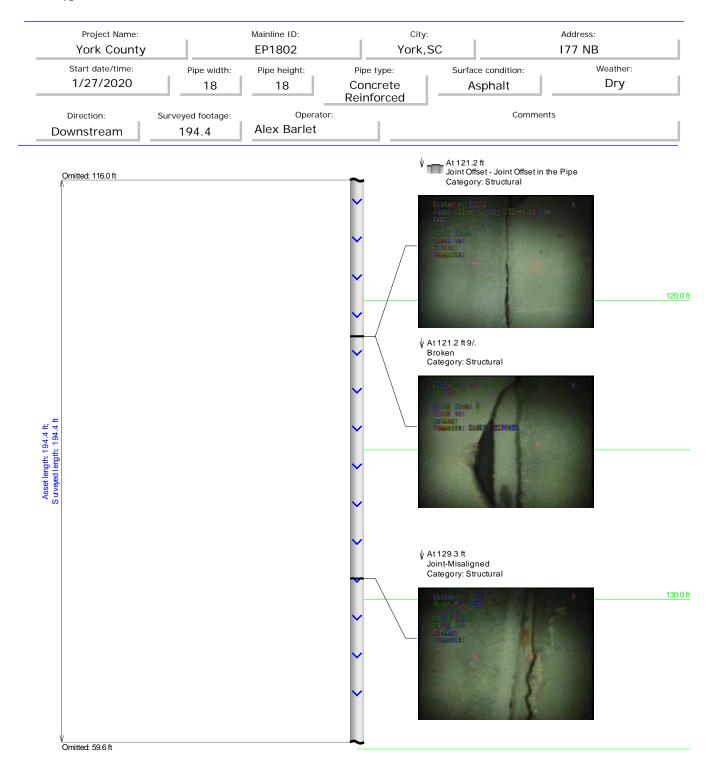


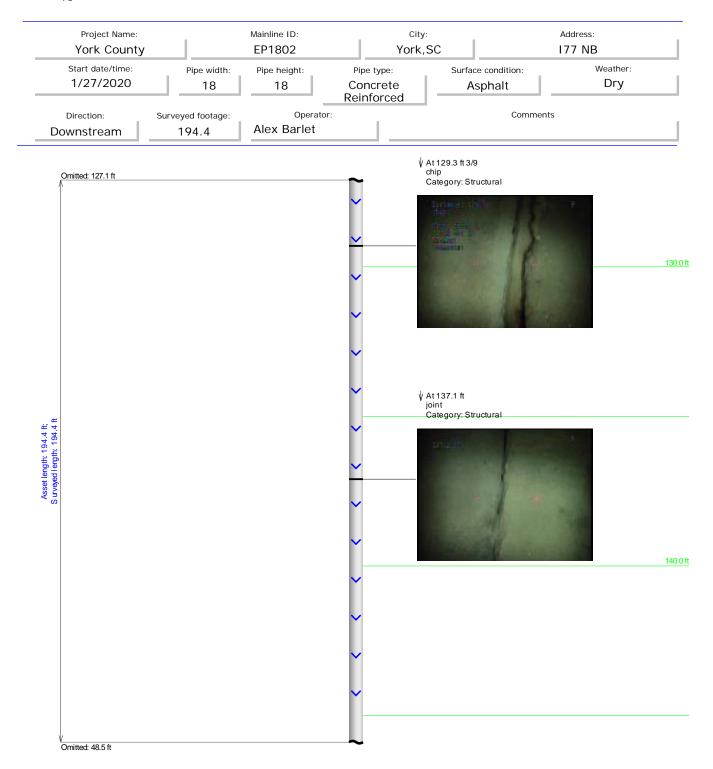


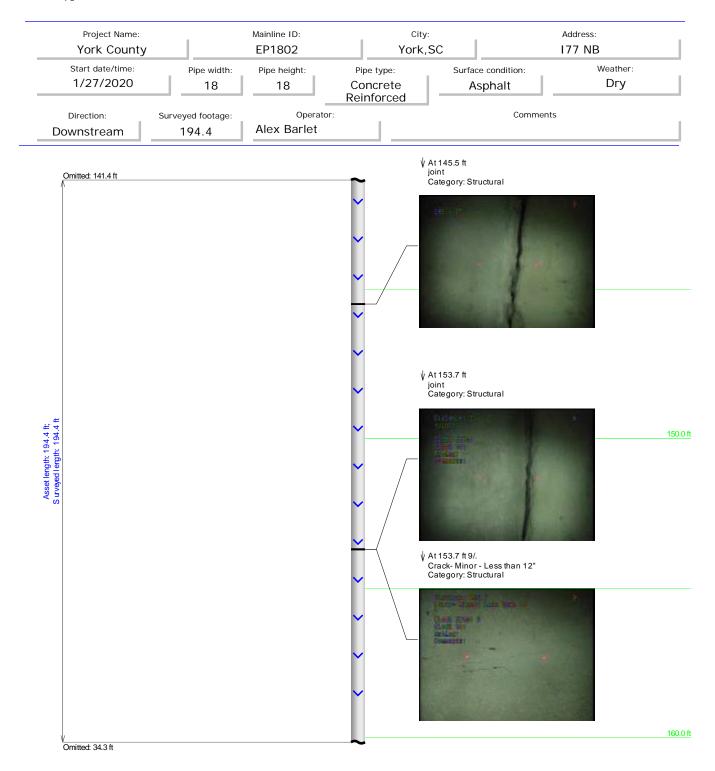


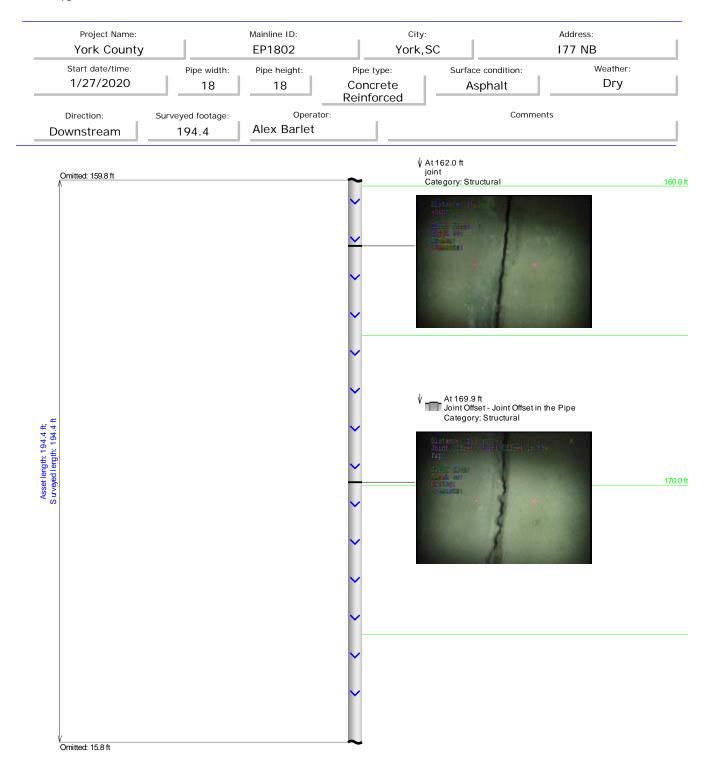


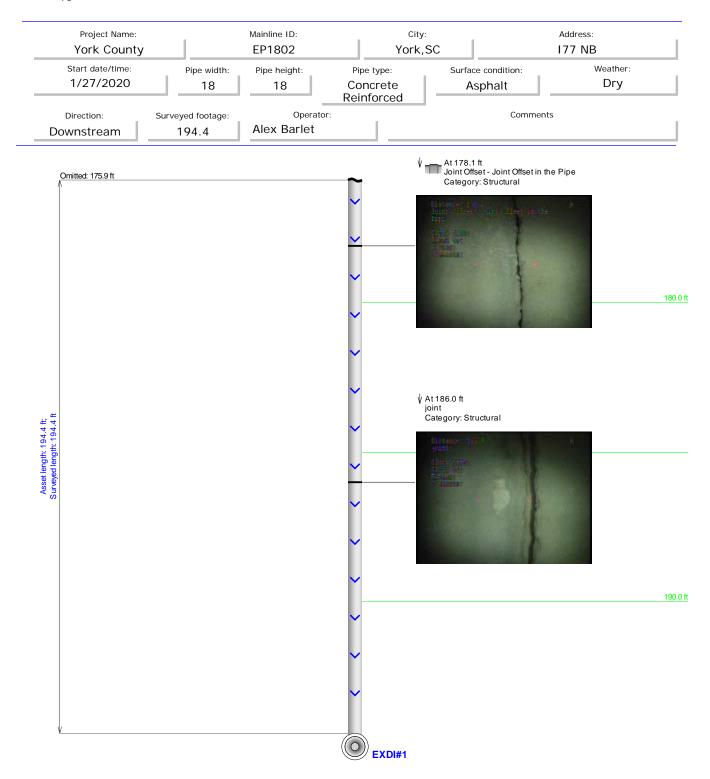


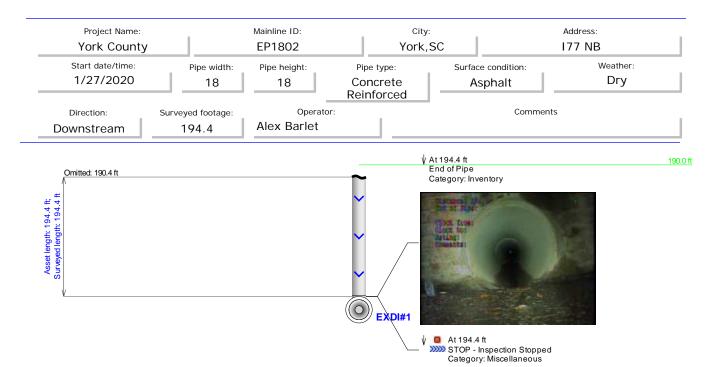




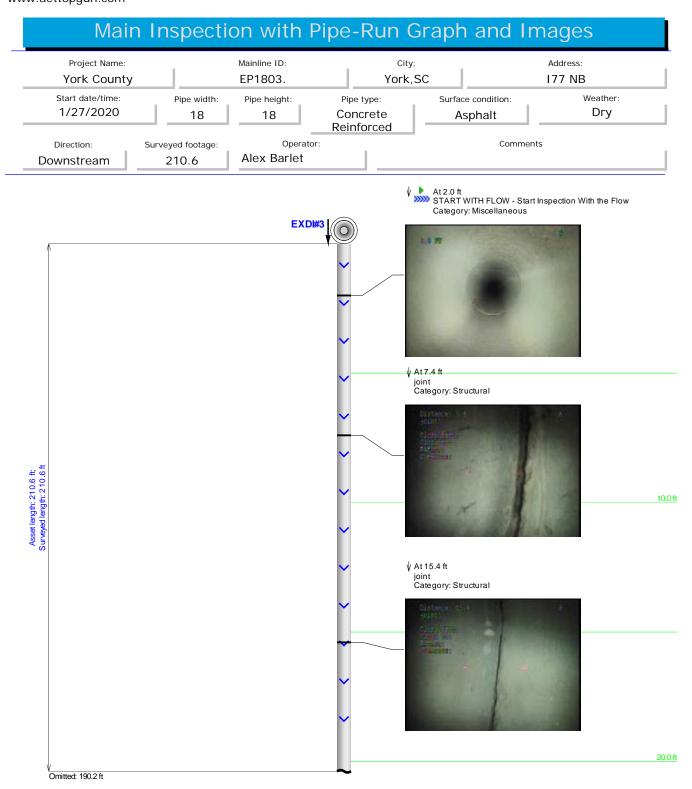


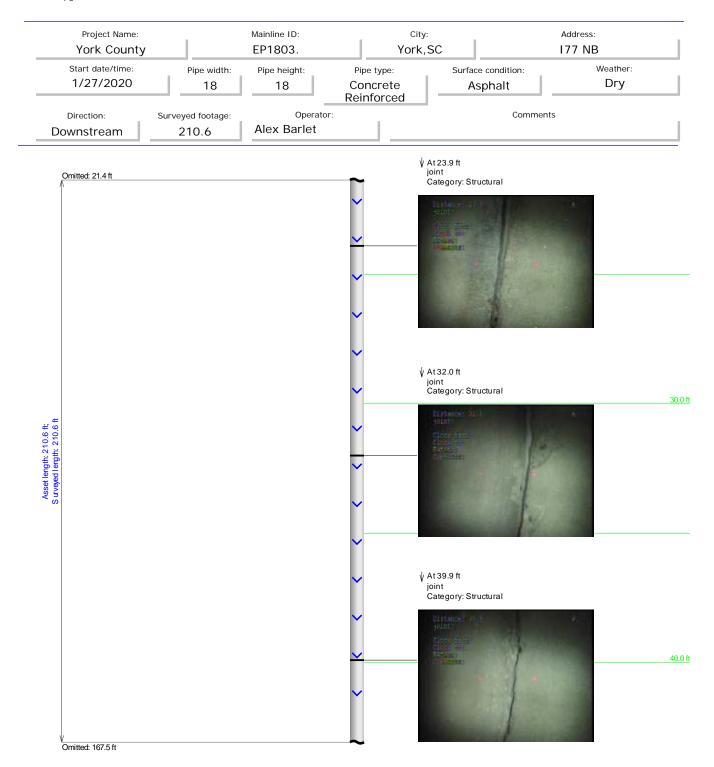


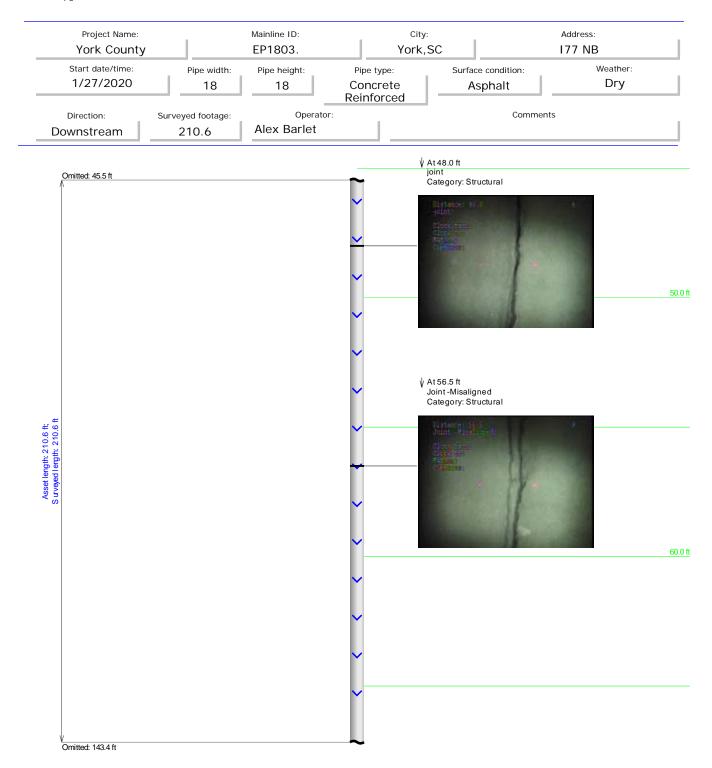


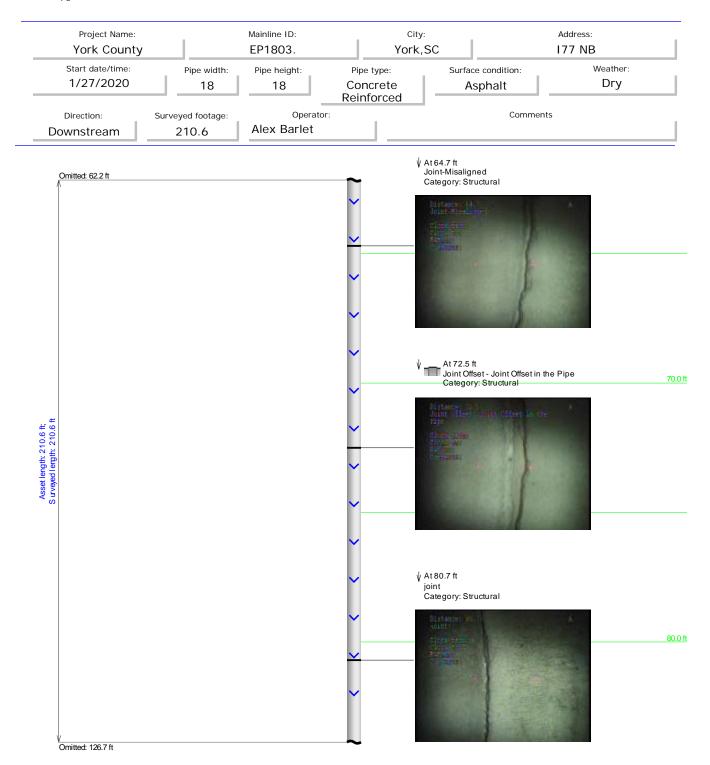


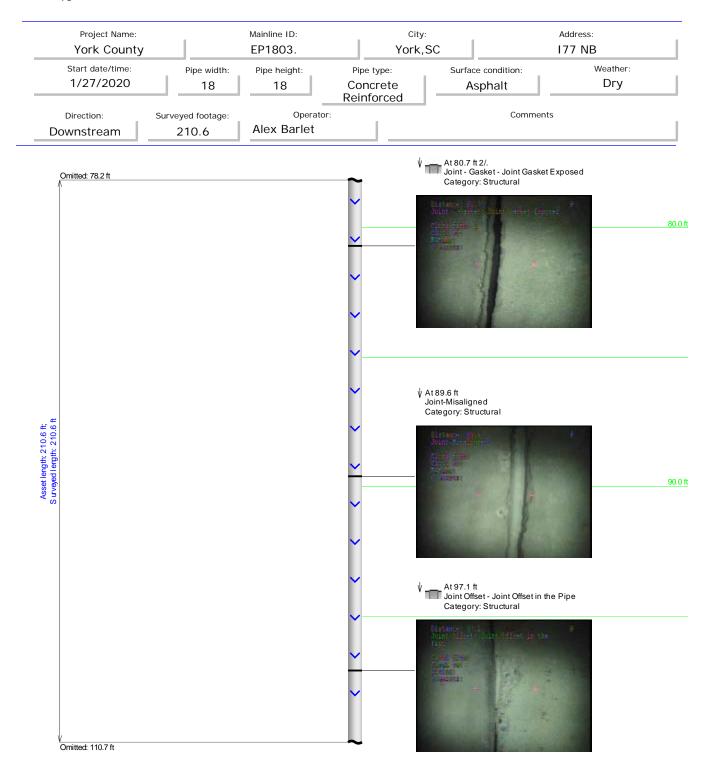
EP-1803

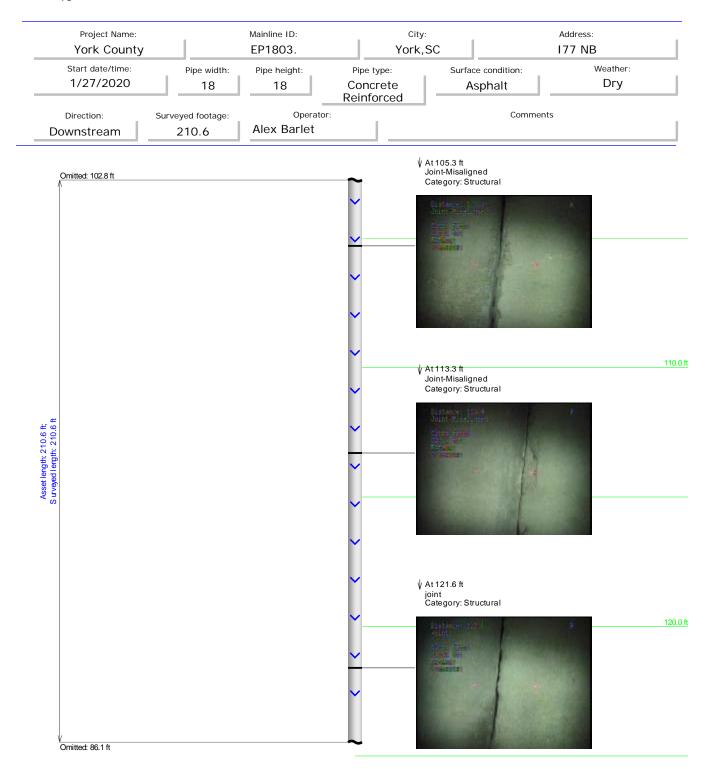


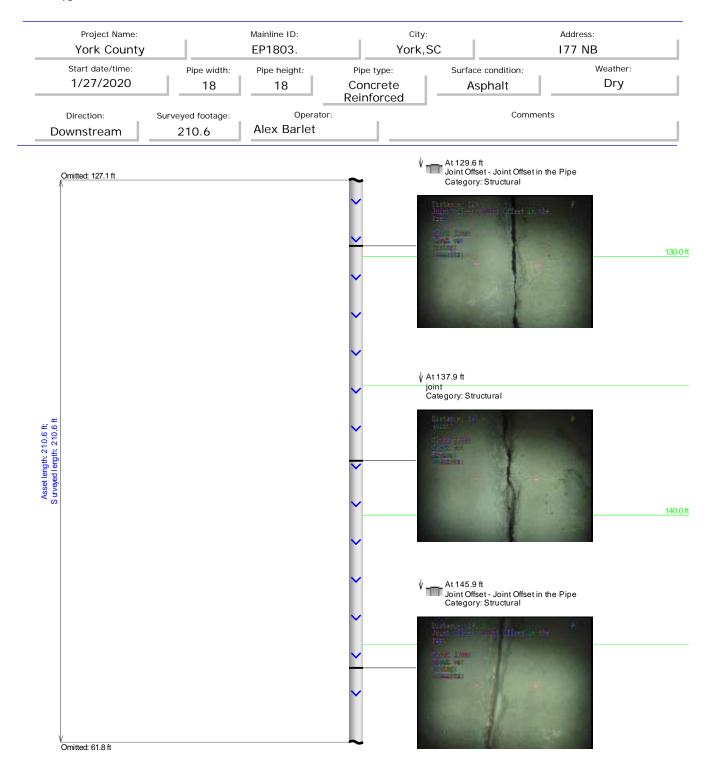


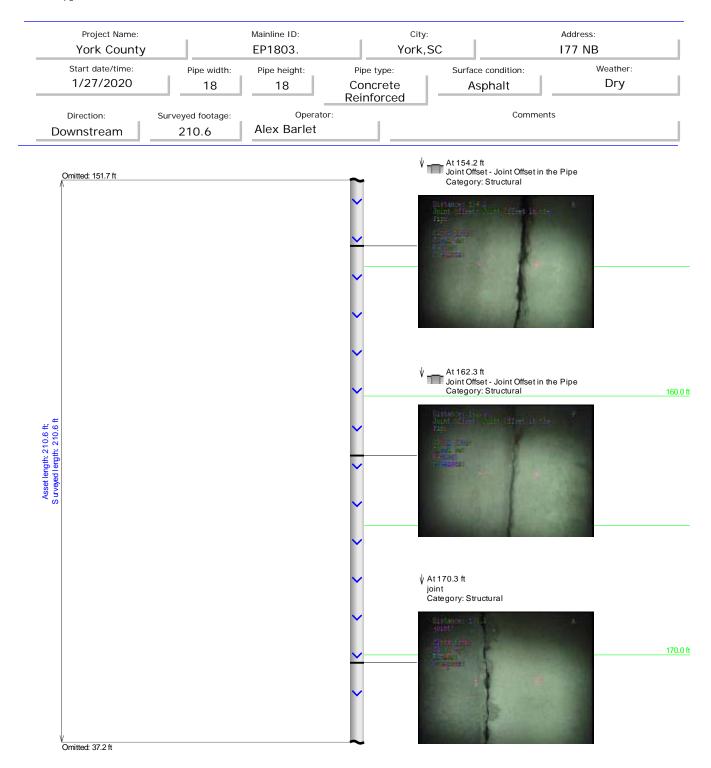


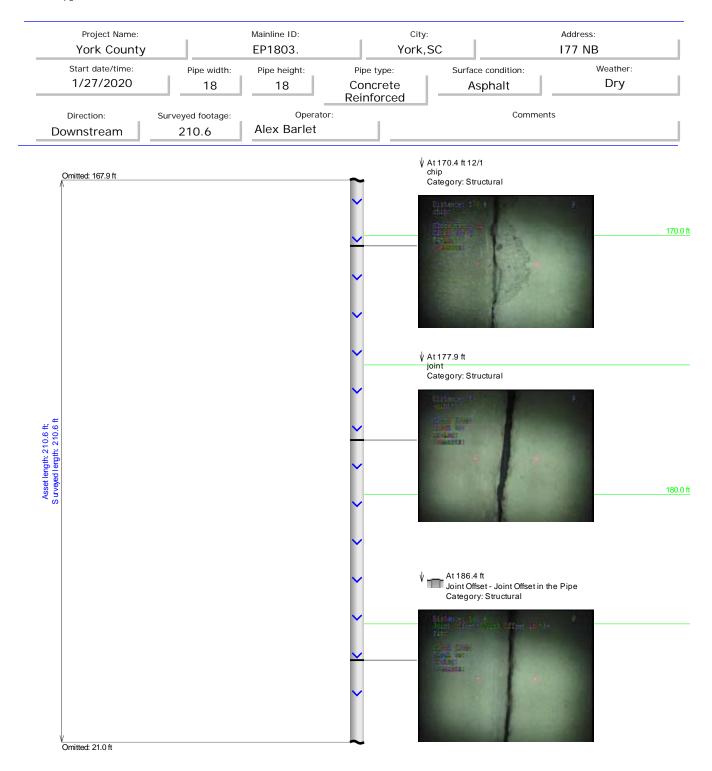




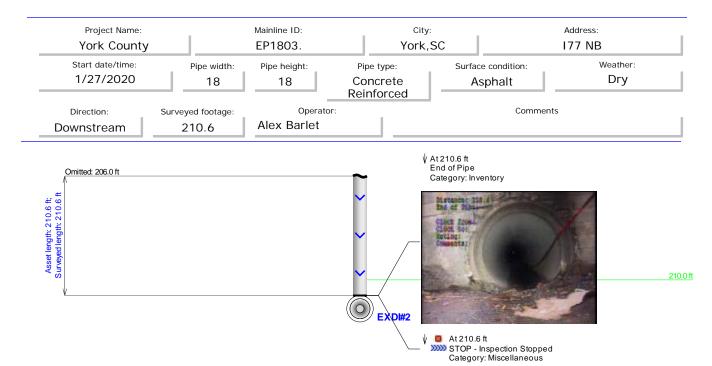




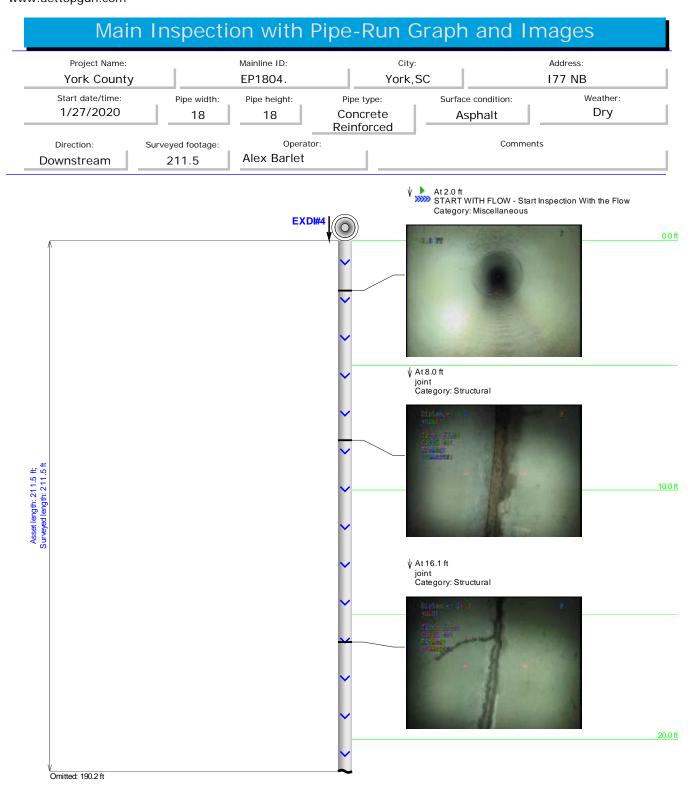


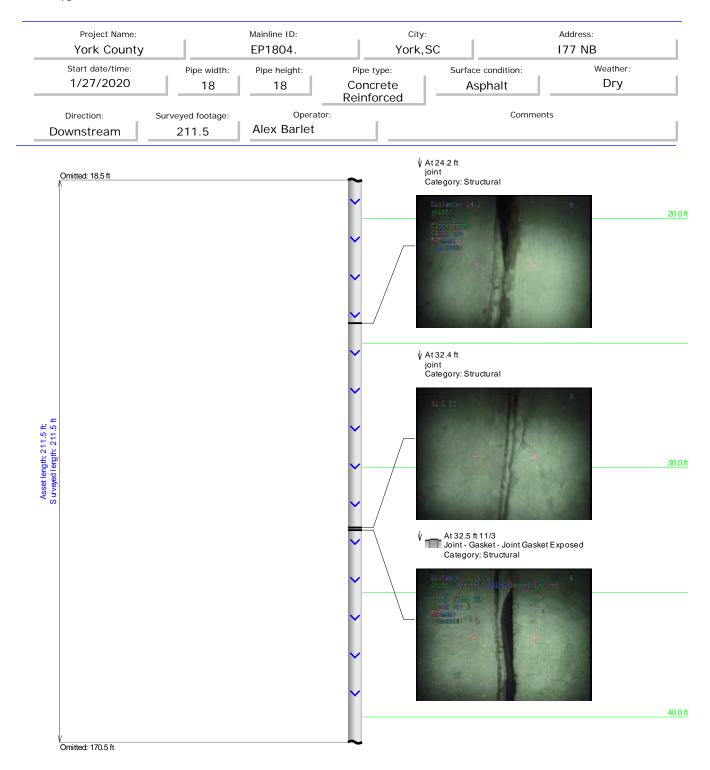


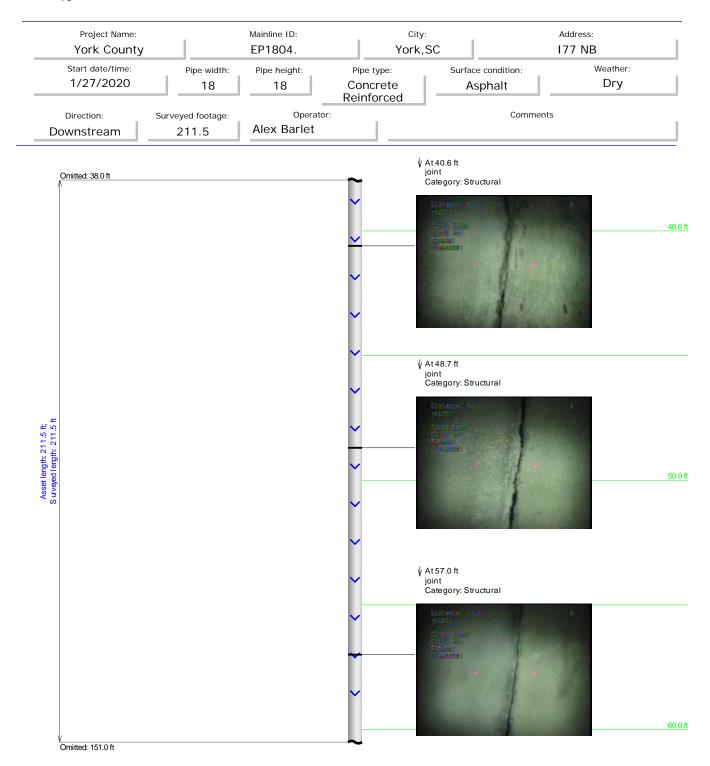


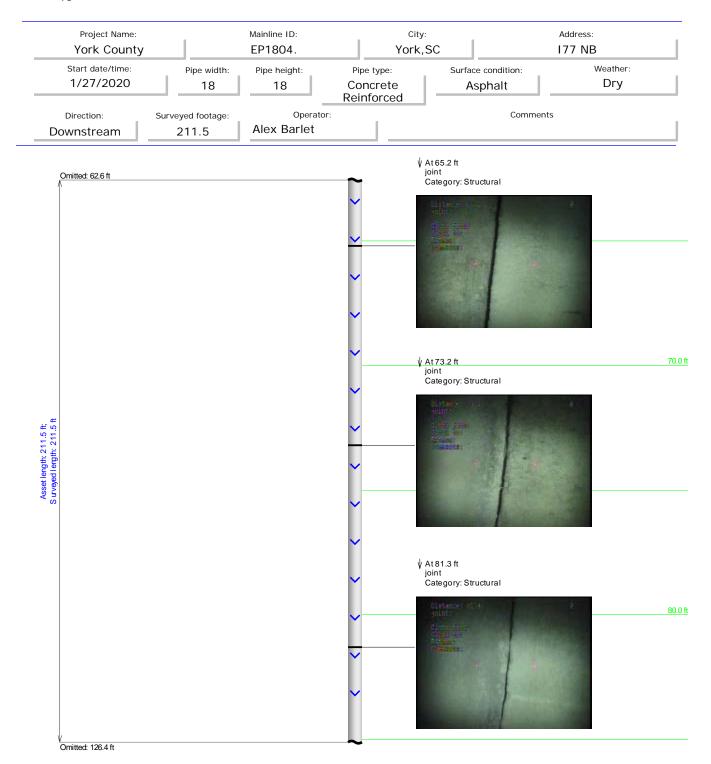


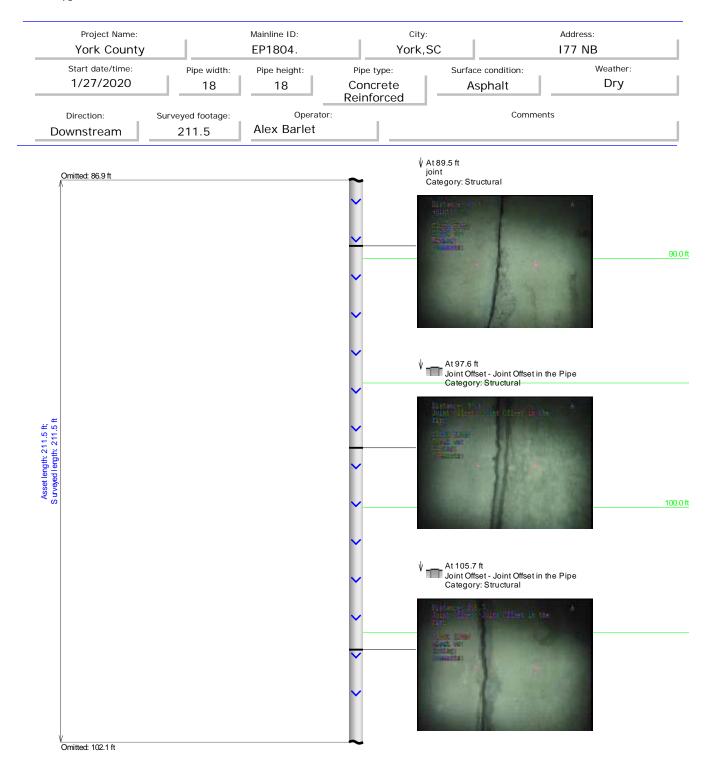
EP-1804

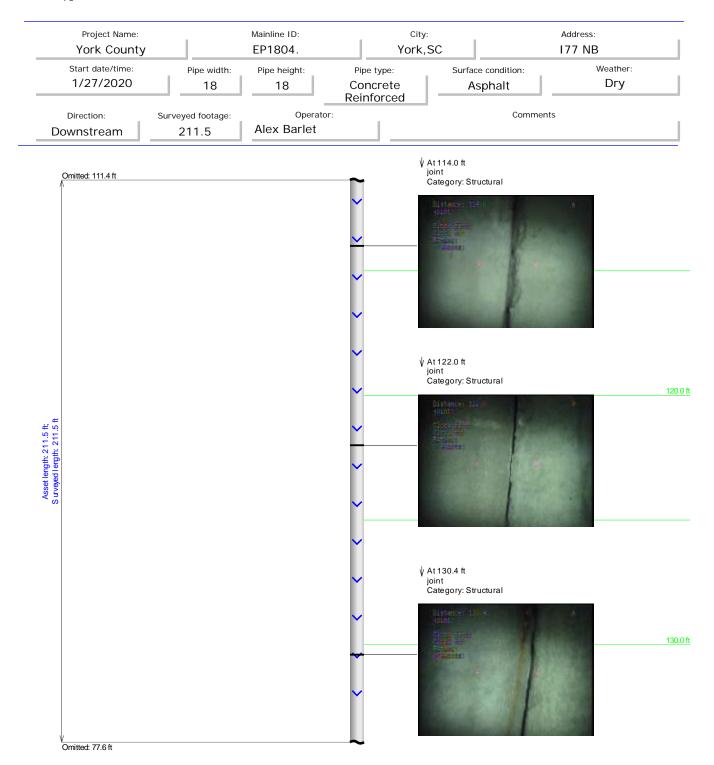


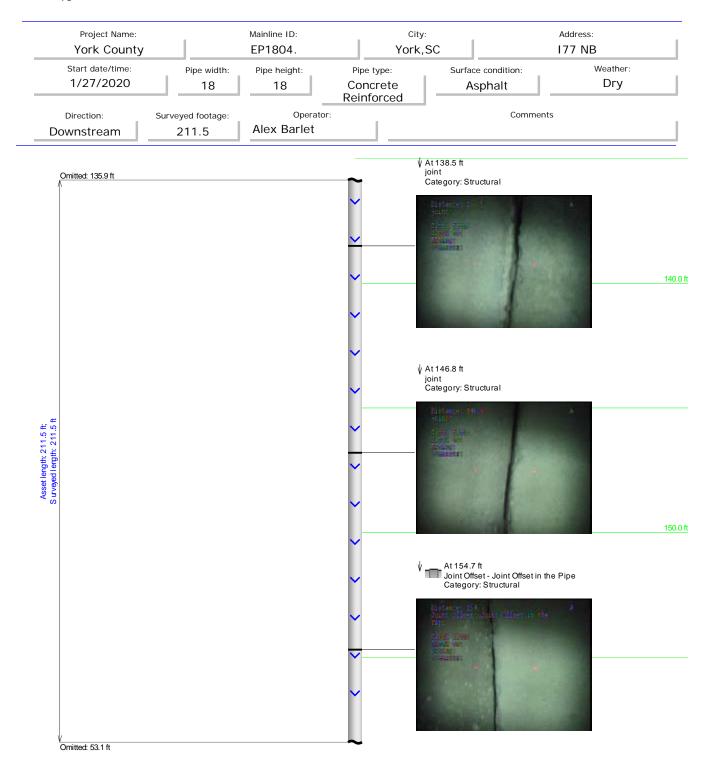


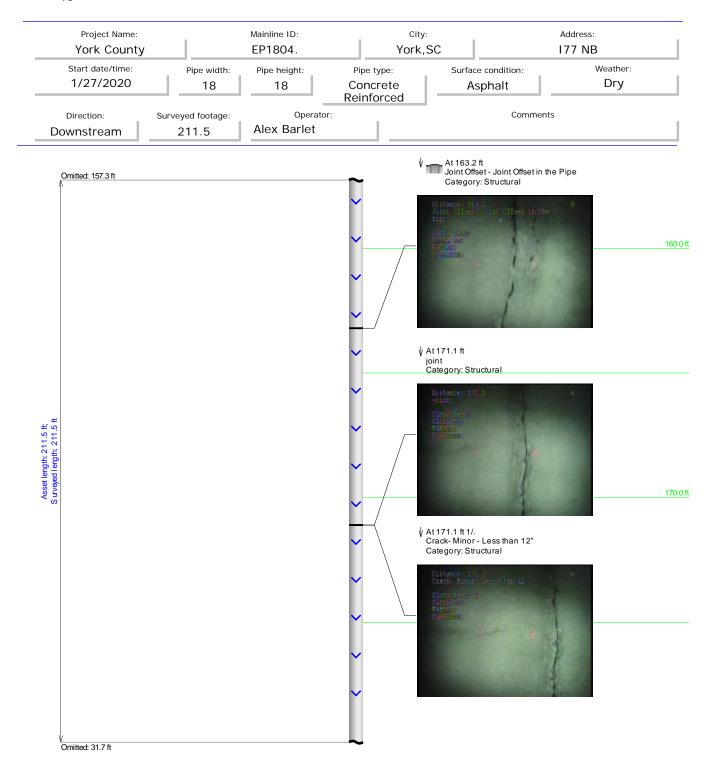


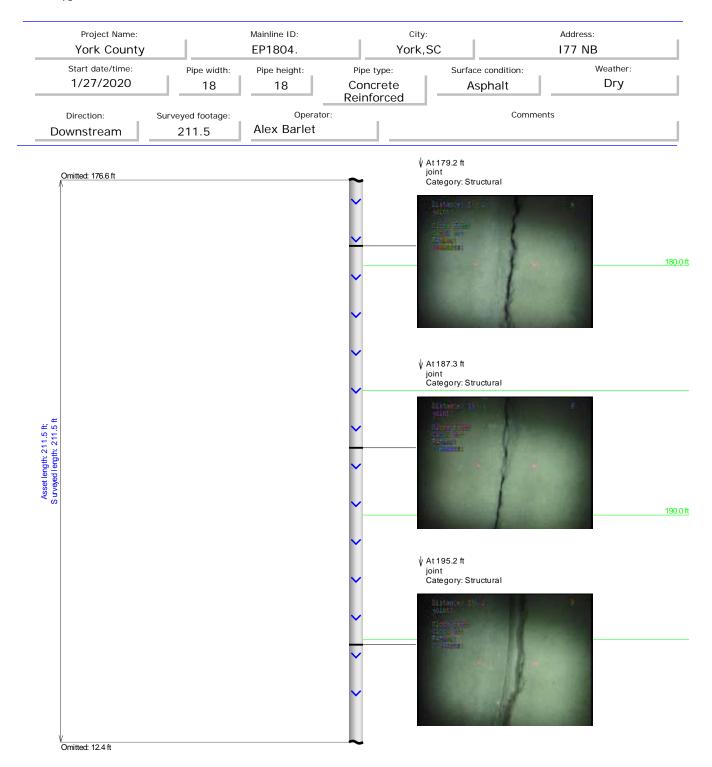


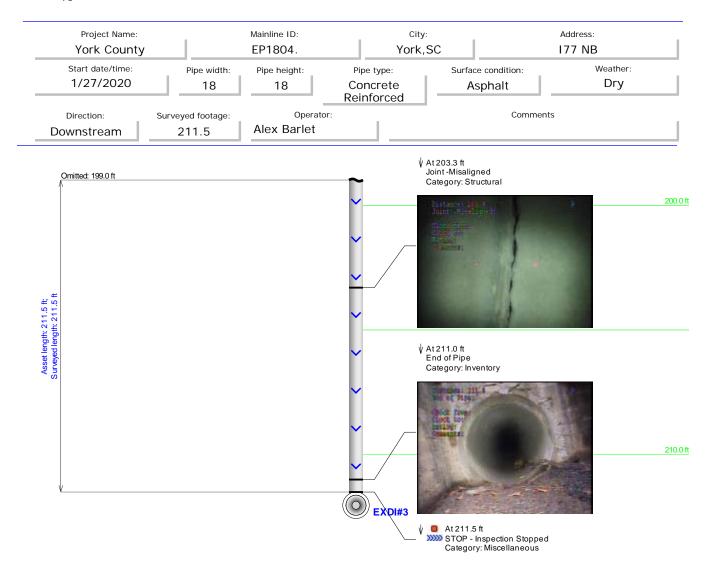




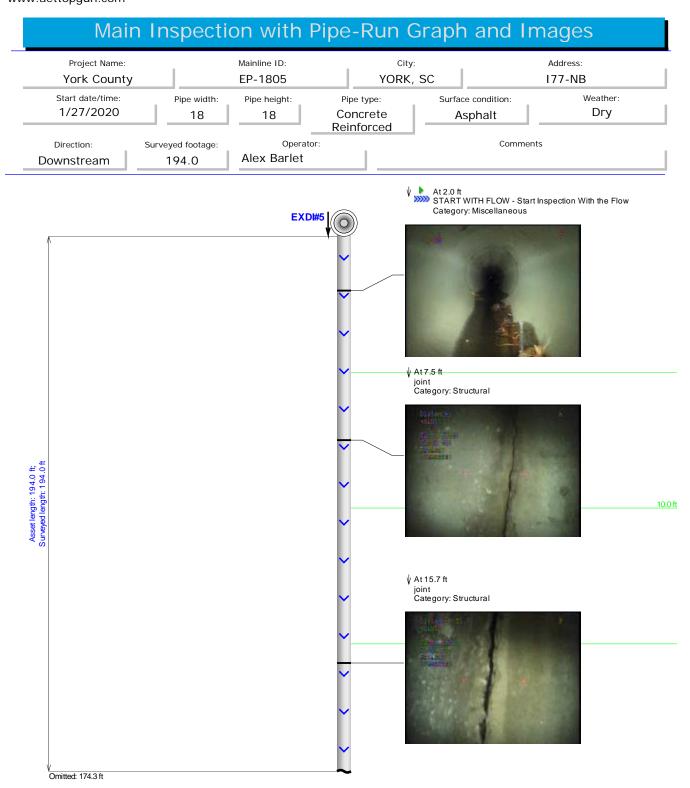






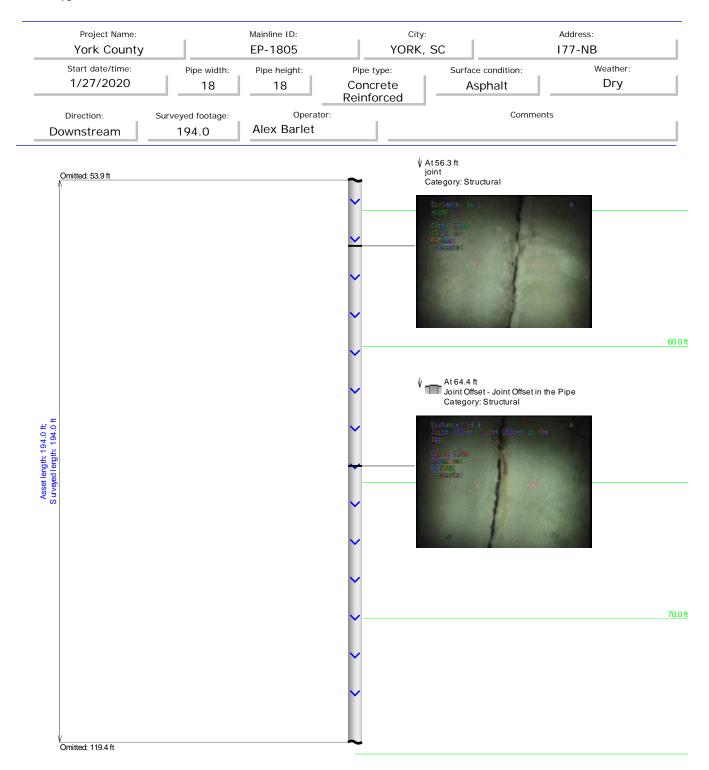


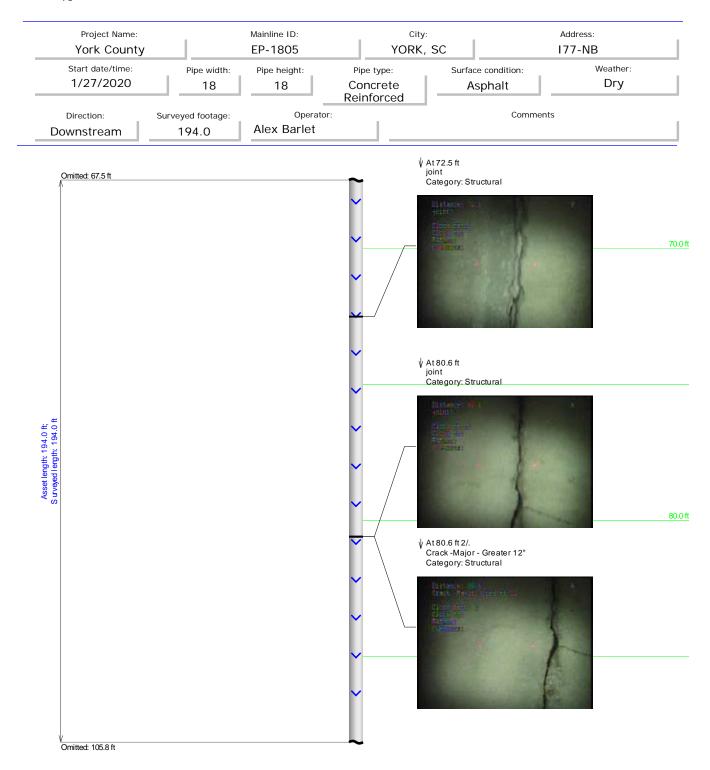
EP-1805

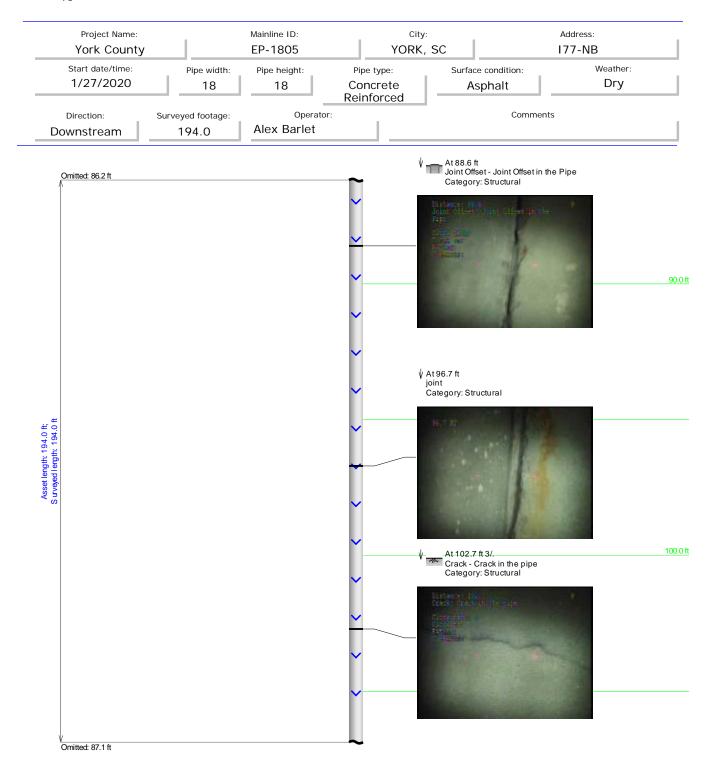


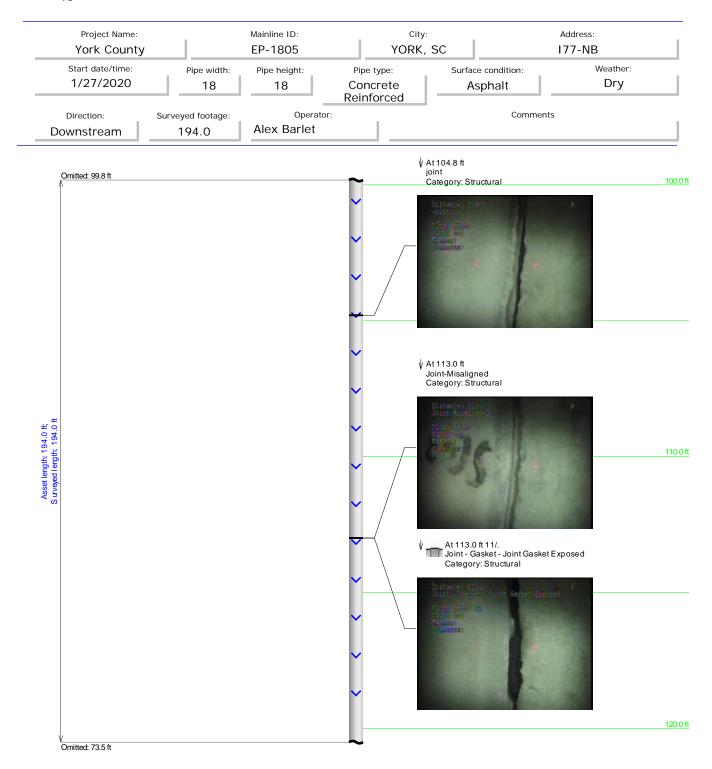


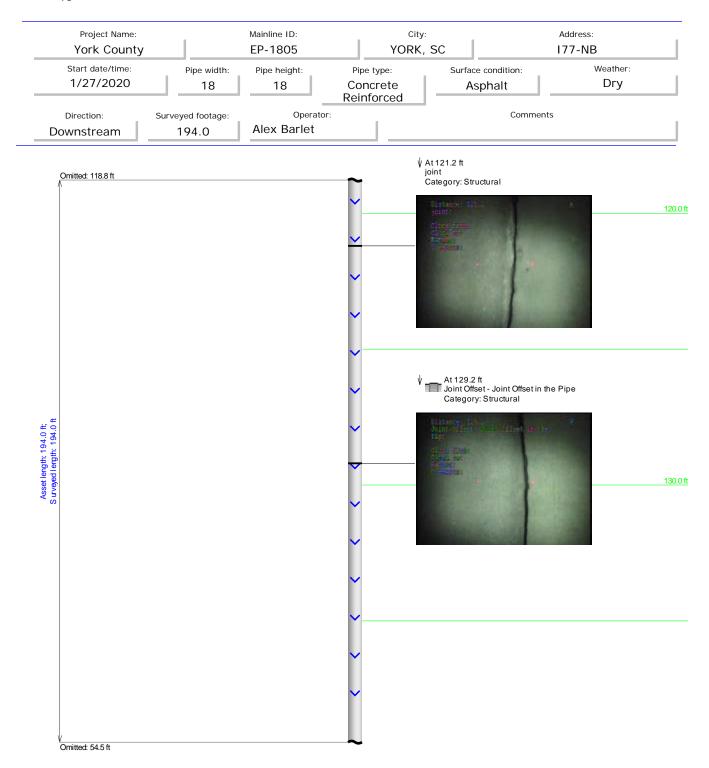


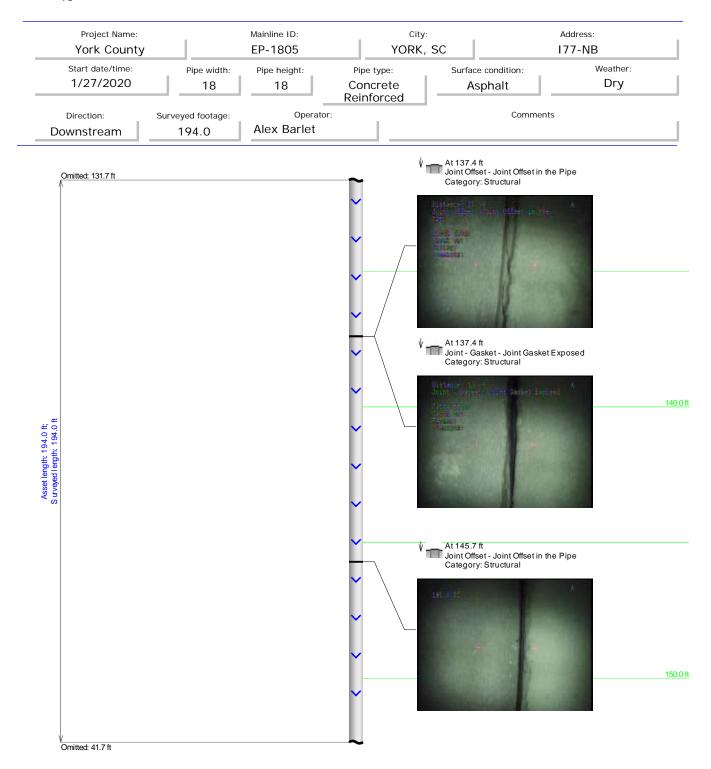


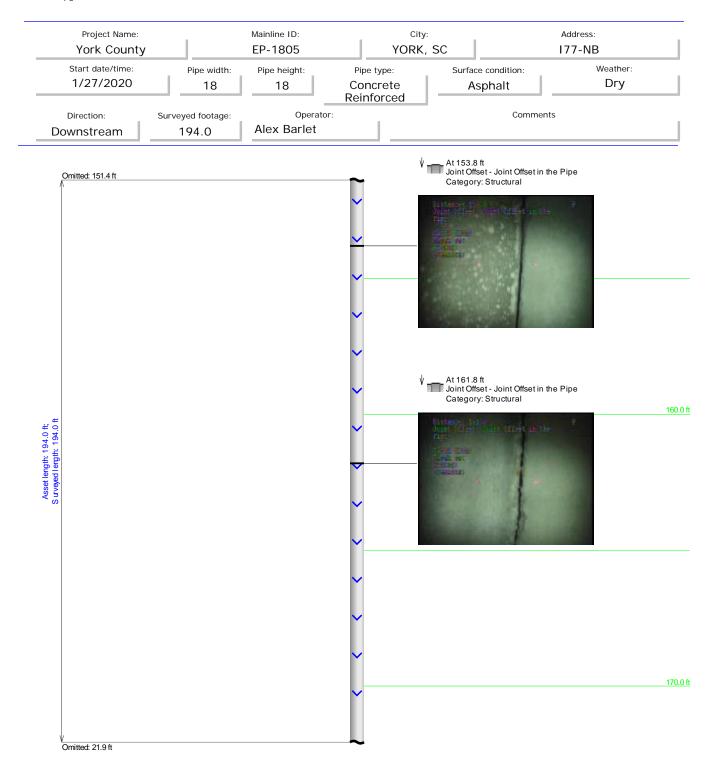


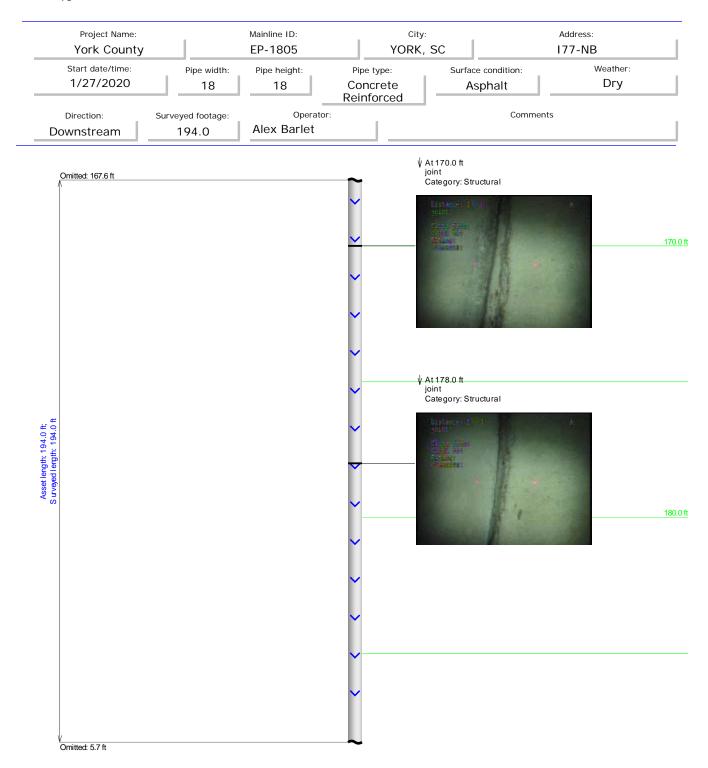


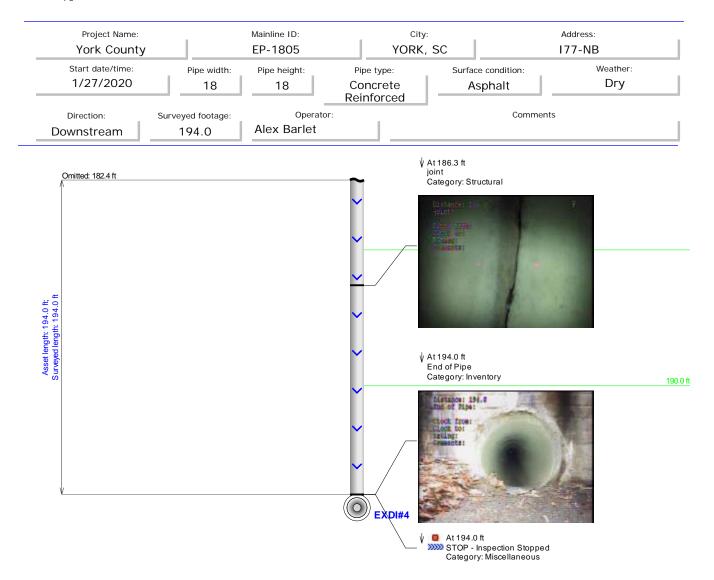




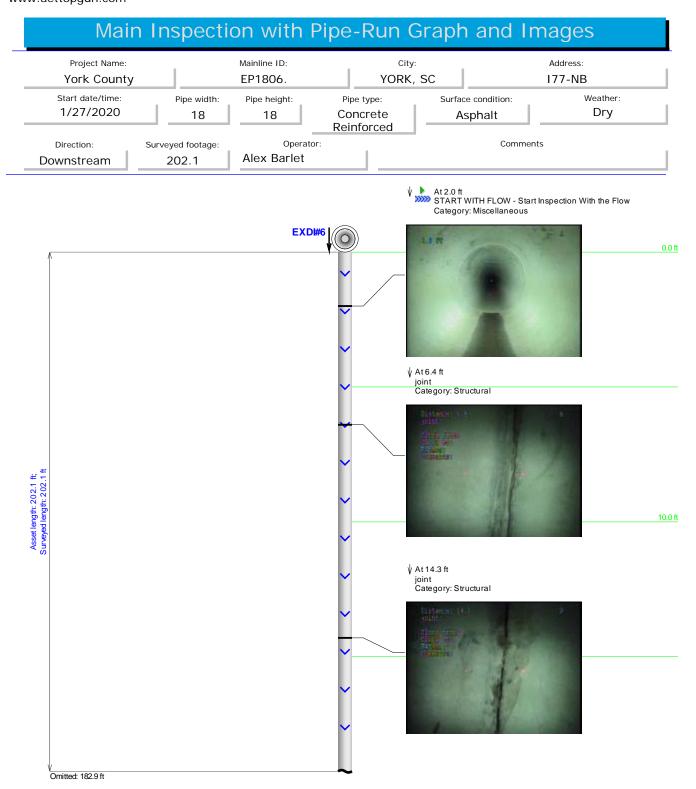


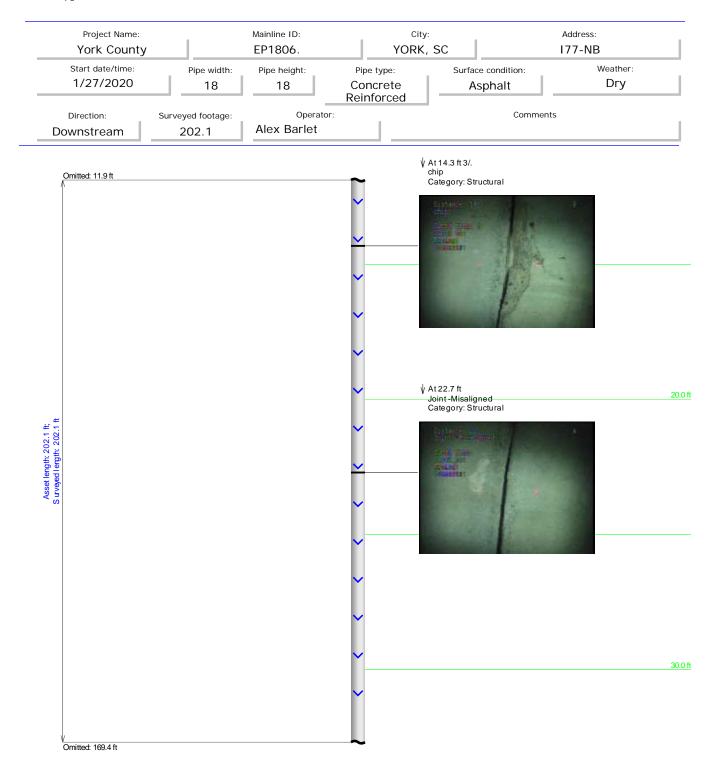


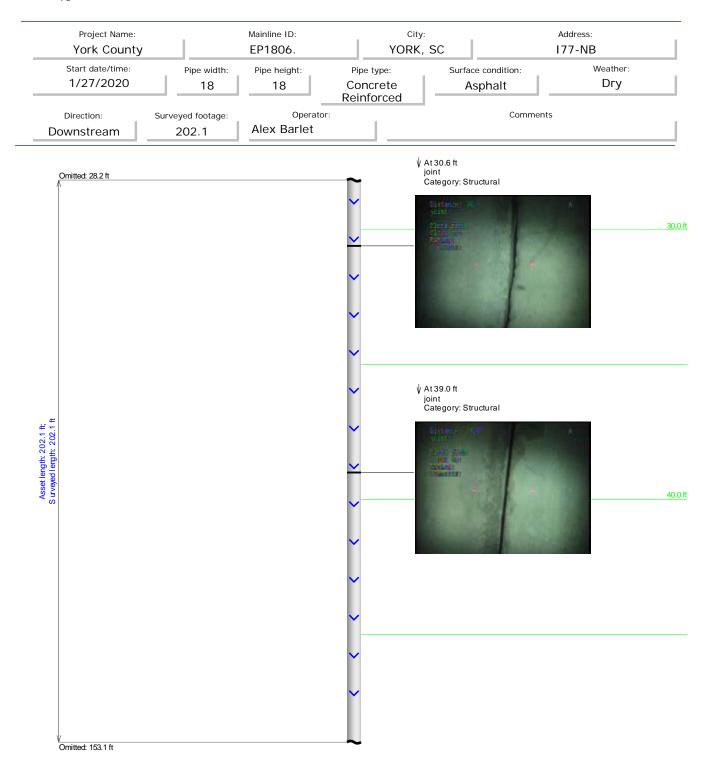


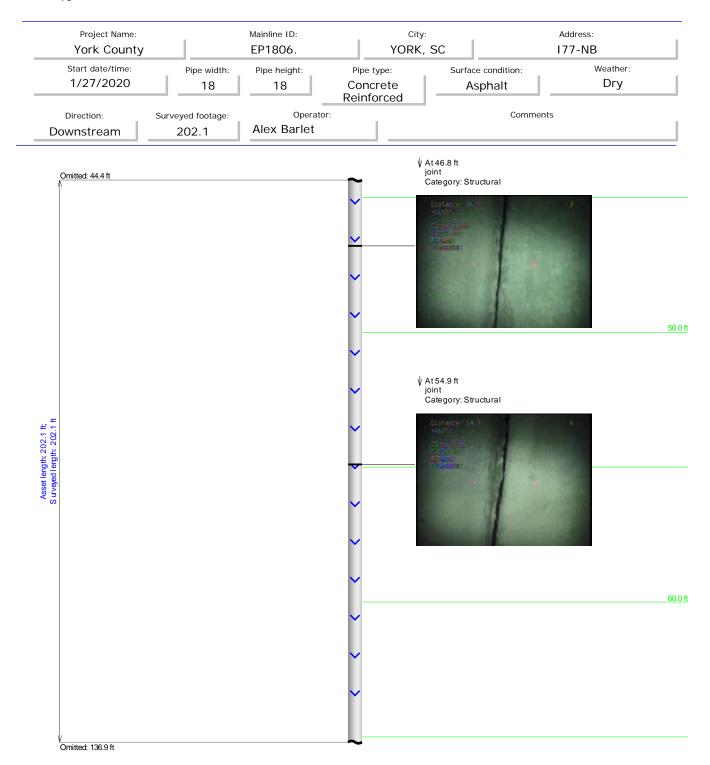


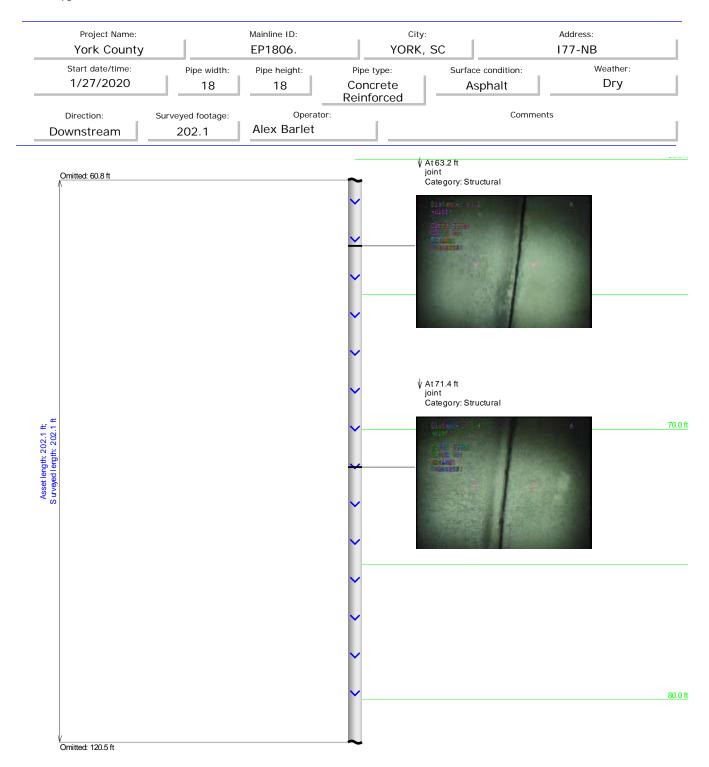
EP-1806

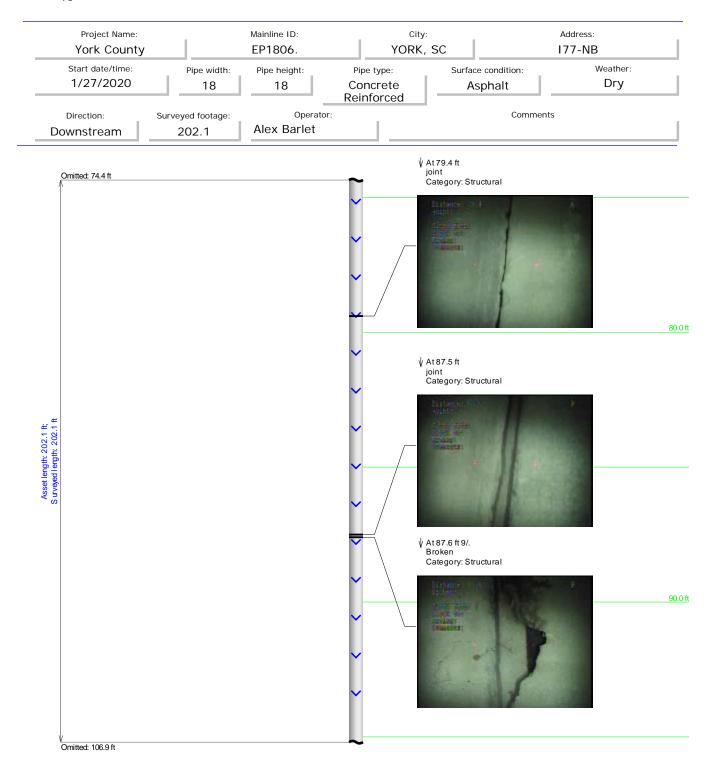


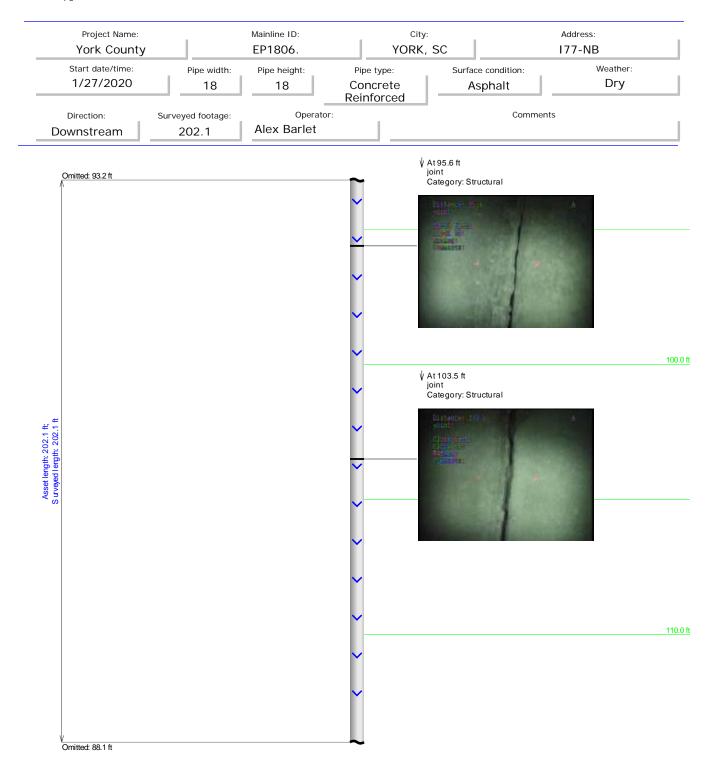


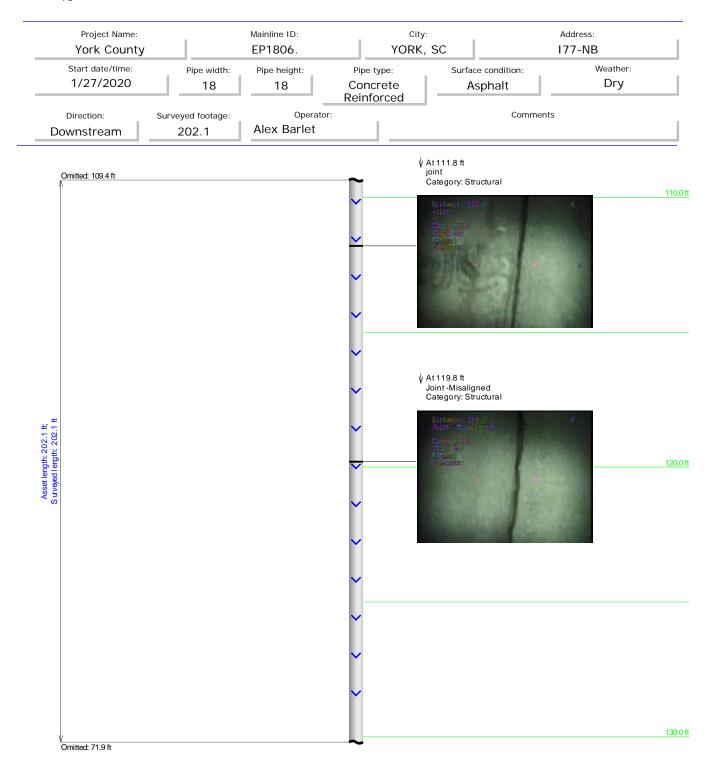


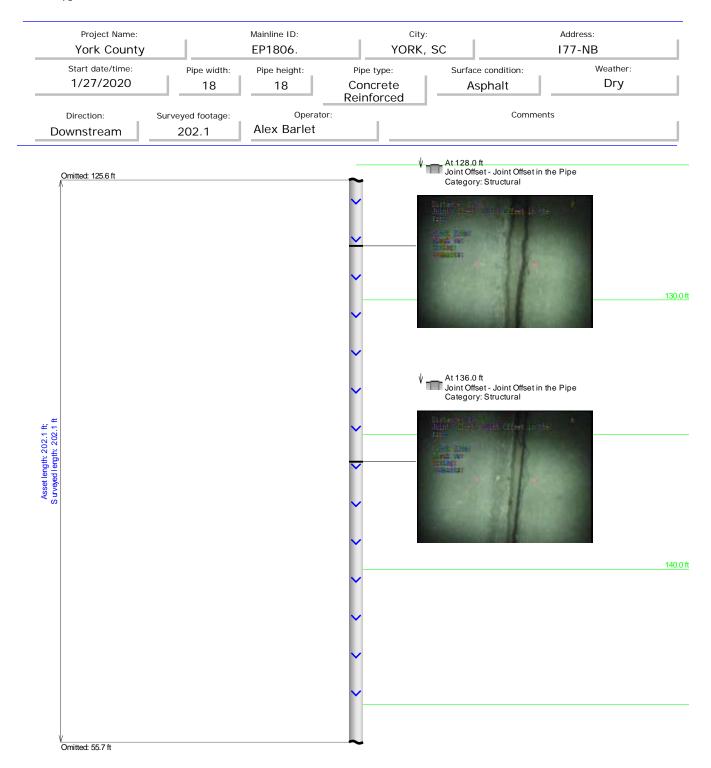


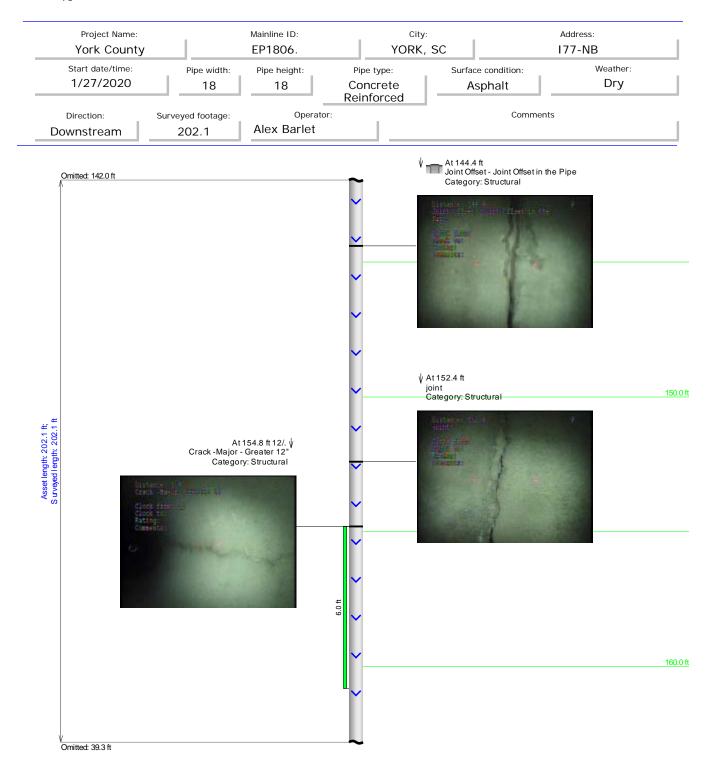


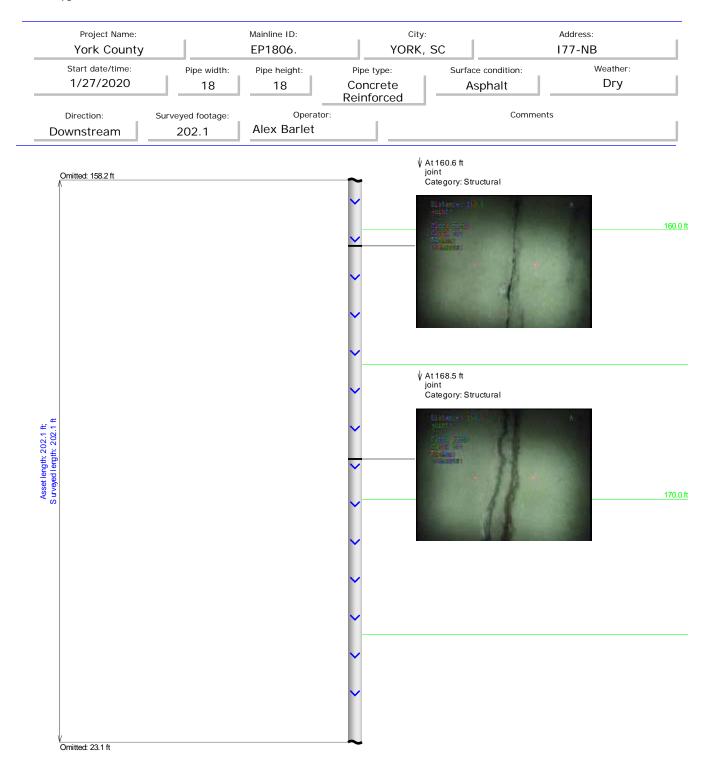


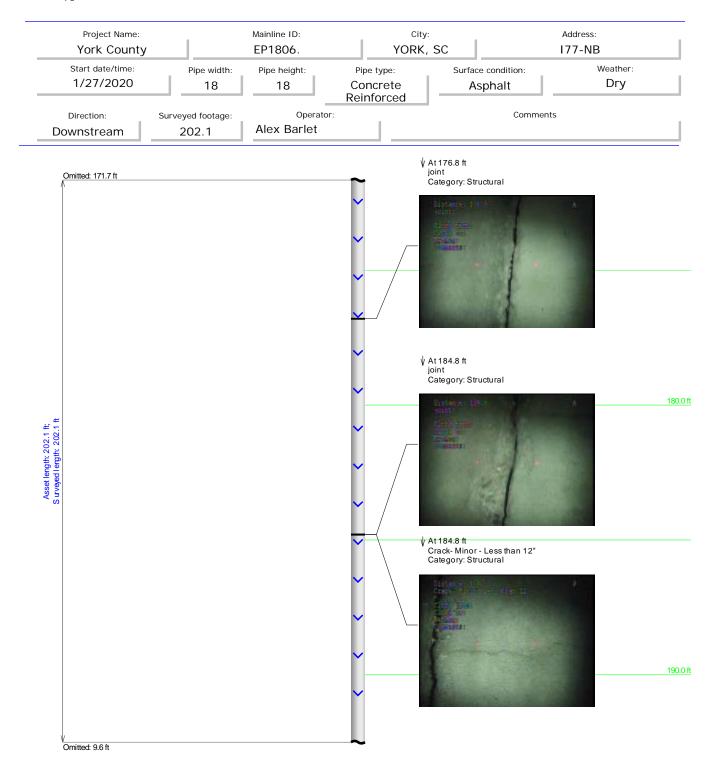


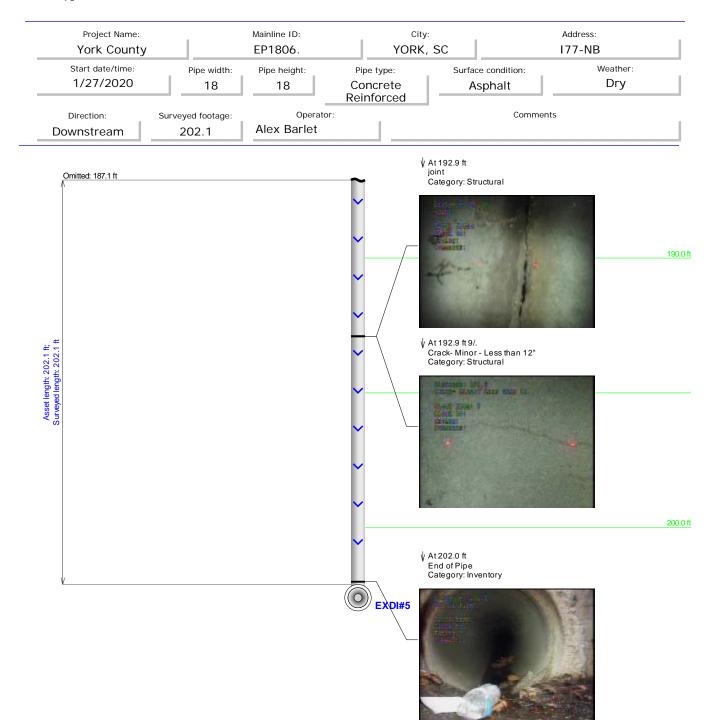






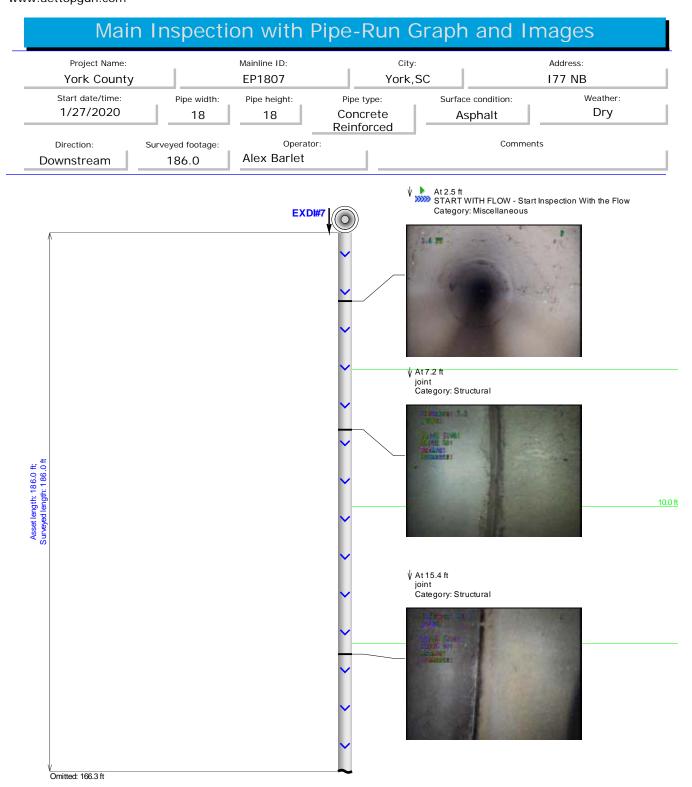




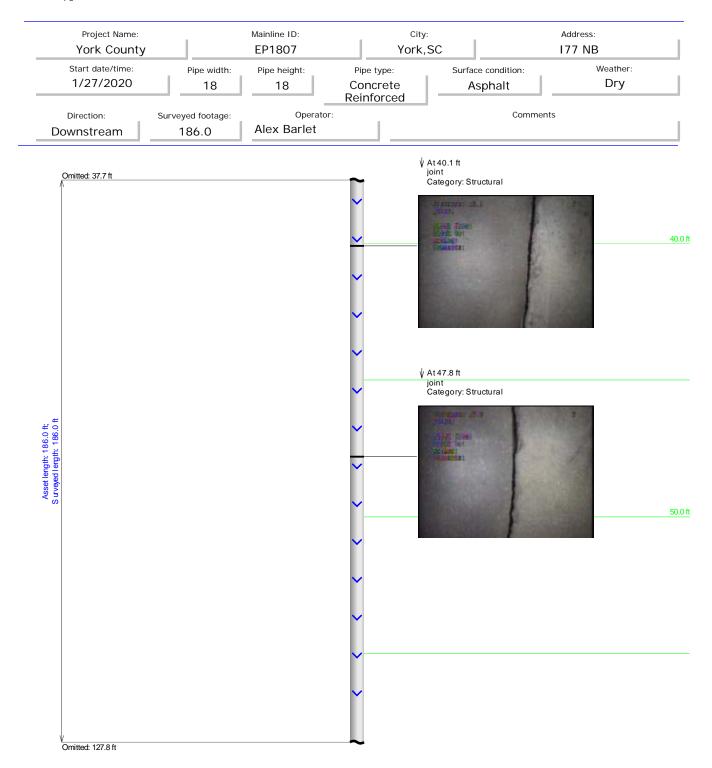


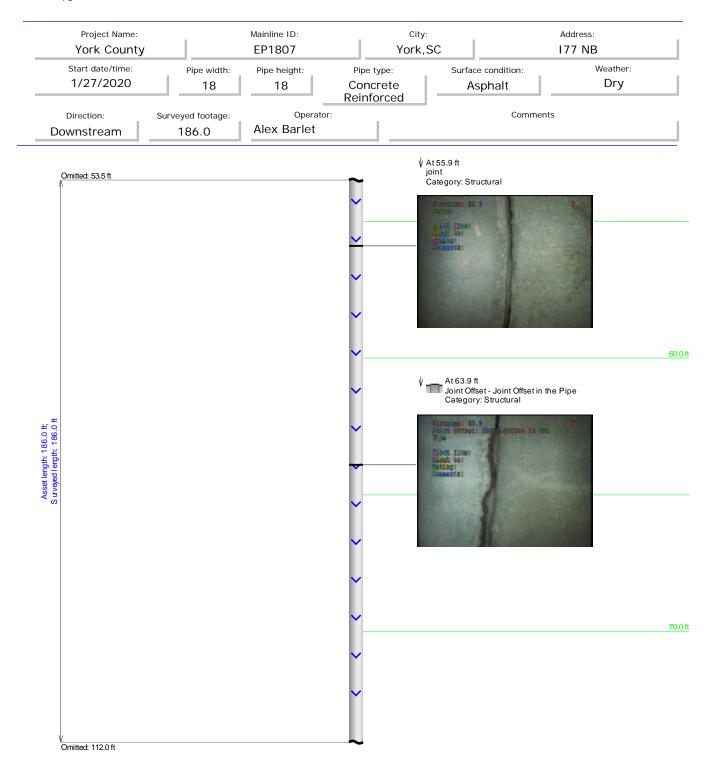
Project Name: York County		Mainline ID: EP1806.	City YORK		Address: I77-NB		
Start date/time: 1/27/2020	Pipe width: 18	Pipe height: 18	Pipe type: Concrete Reinforced	Surface condition: Asphalt		Weather: Dry	
Direction: Downstream			Operator: Alex Barlet		Comments		
202 tip Domitted: 202.1 ft			EXDI#5	>>>>> STOP - II	ft nspection Stopped y: Miscellaneous		

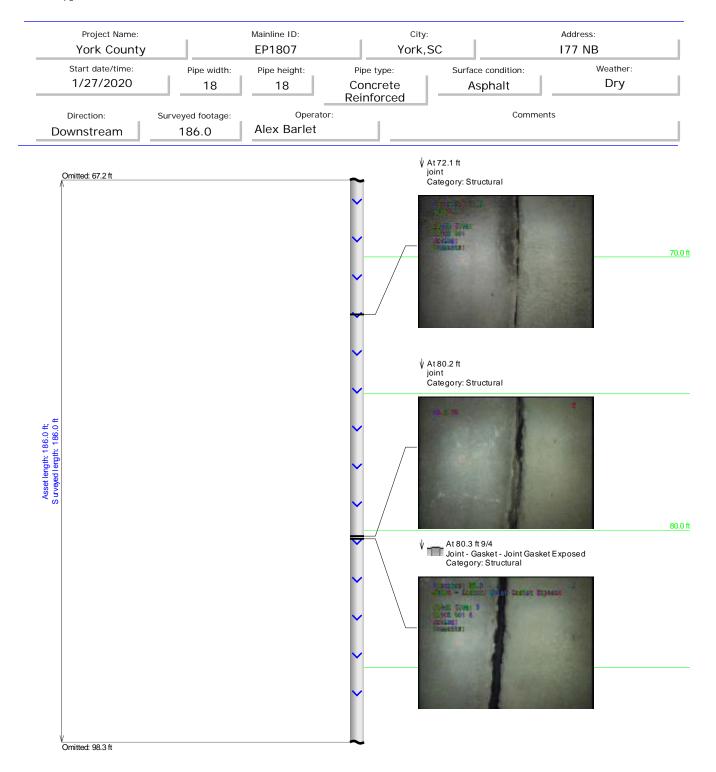
EP-1807

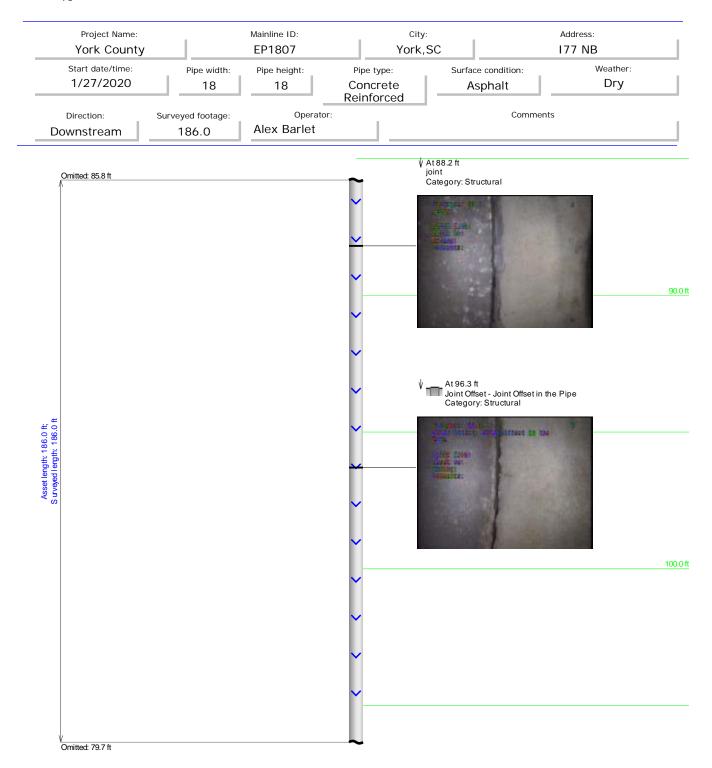


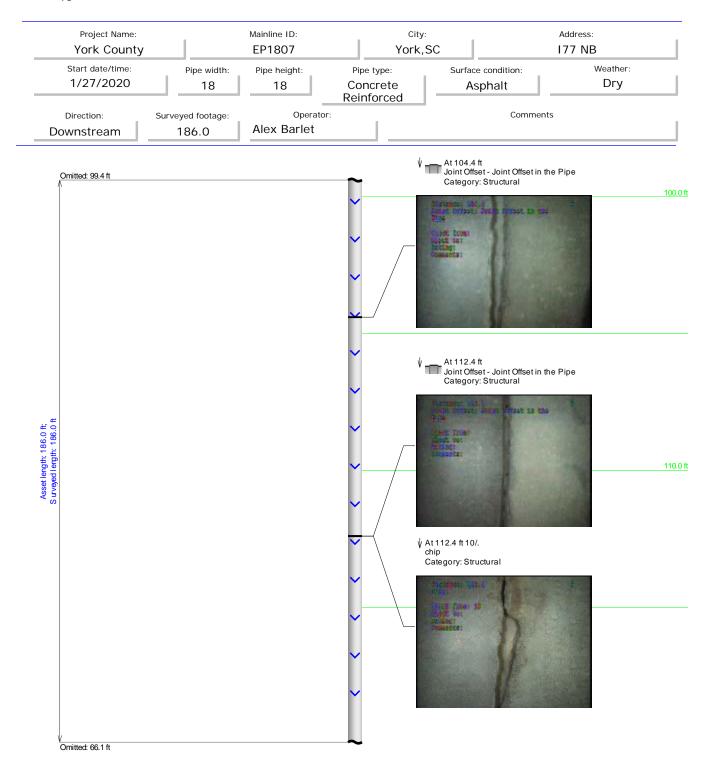


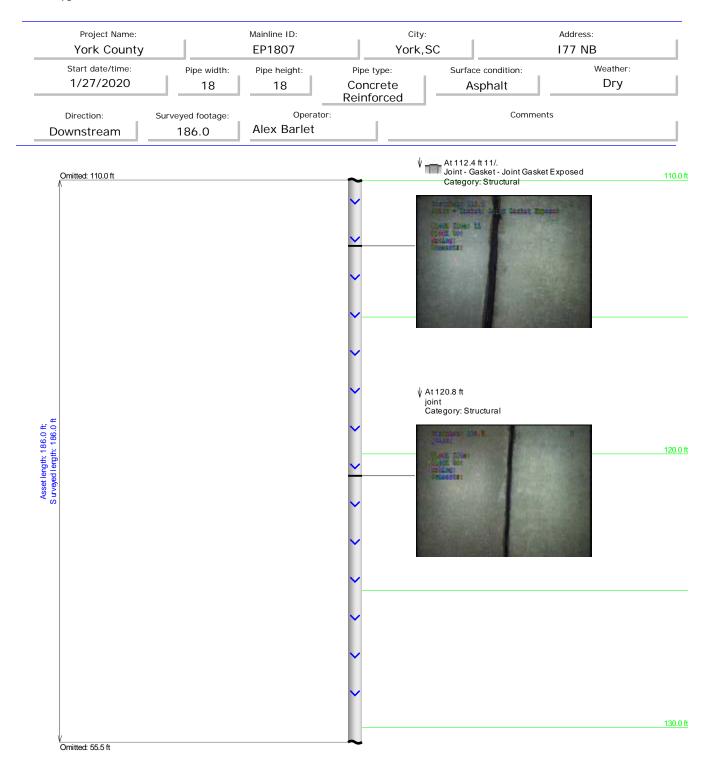


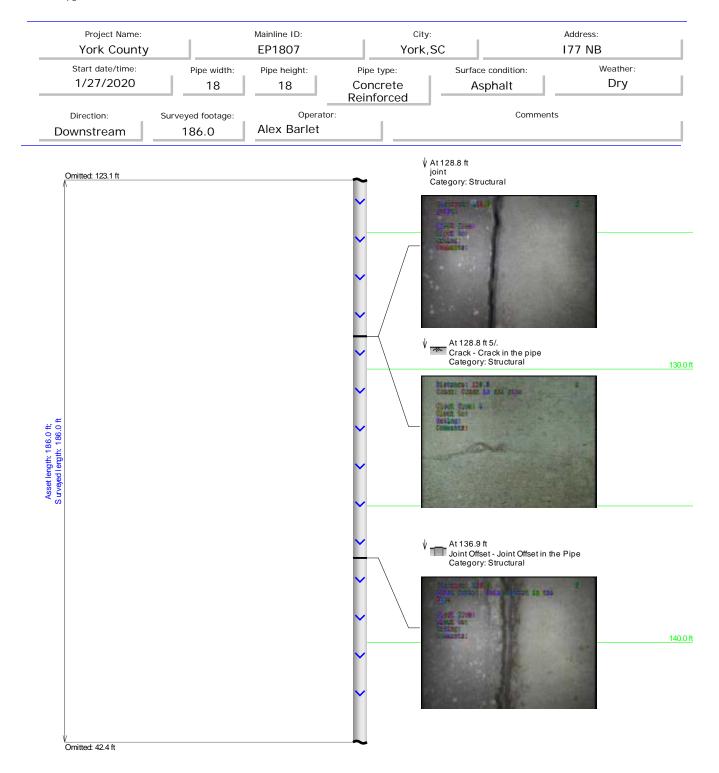


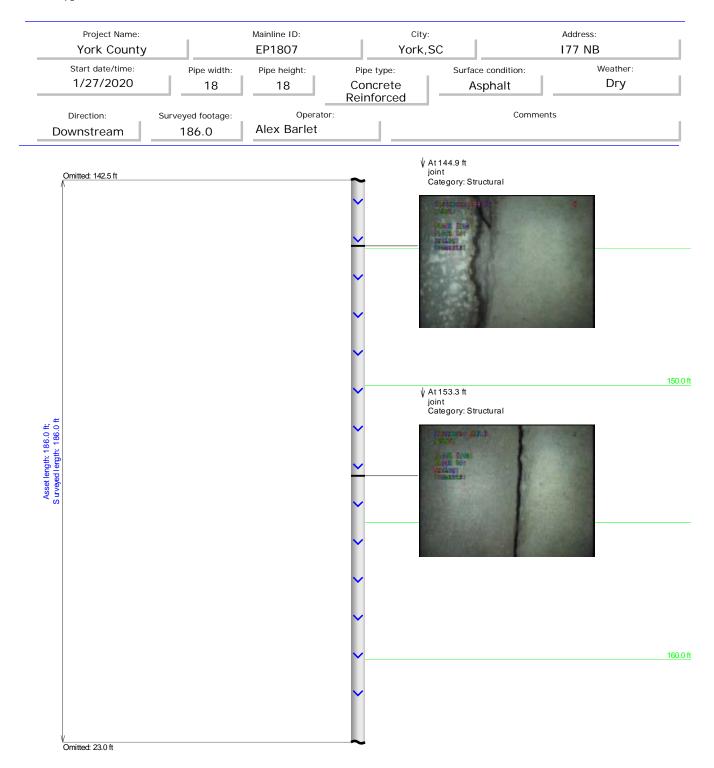




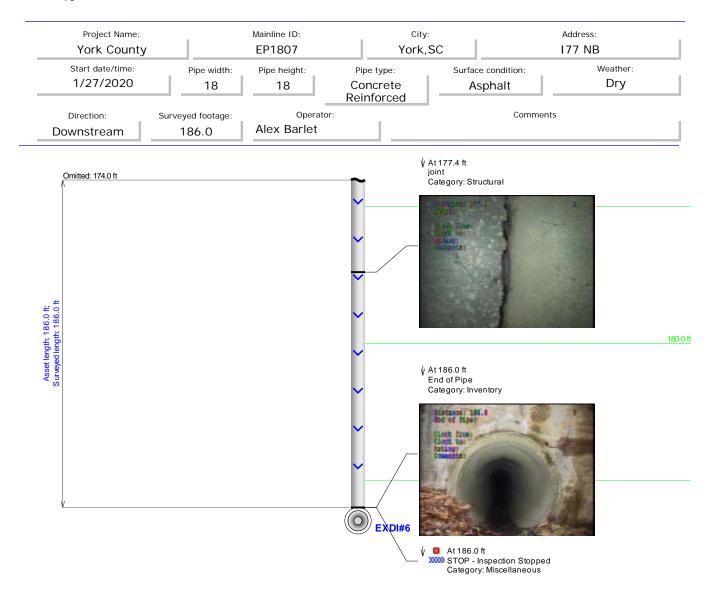




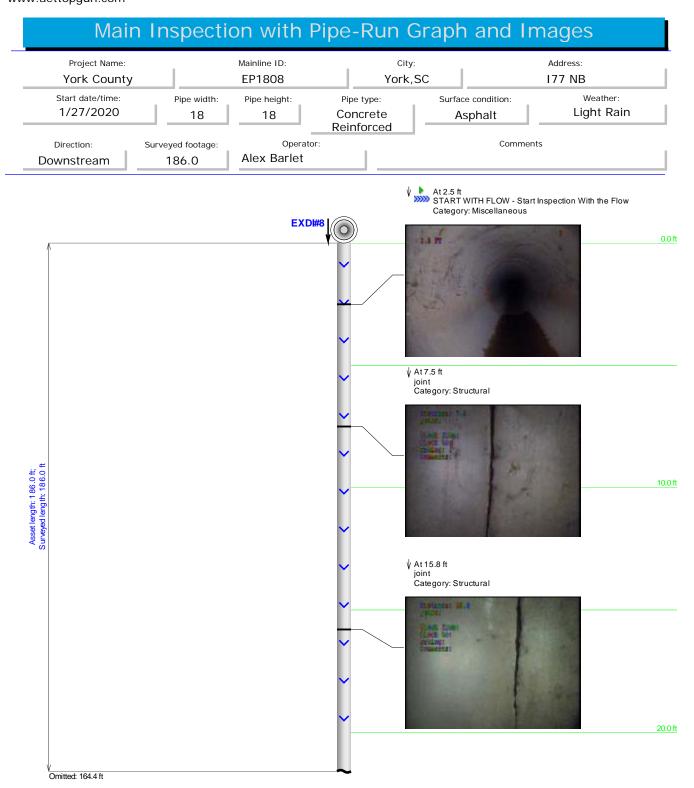


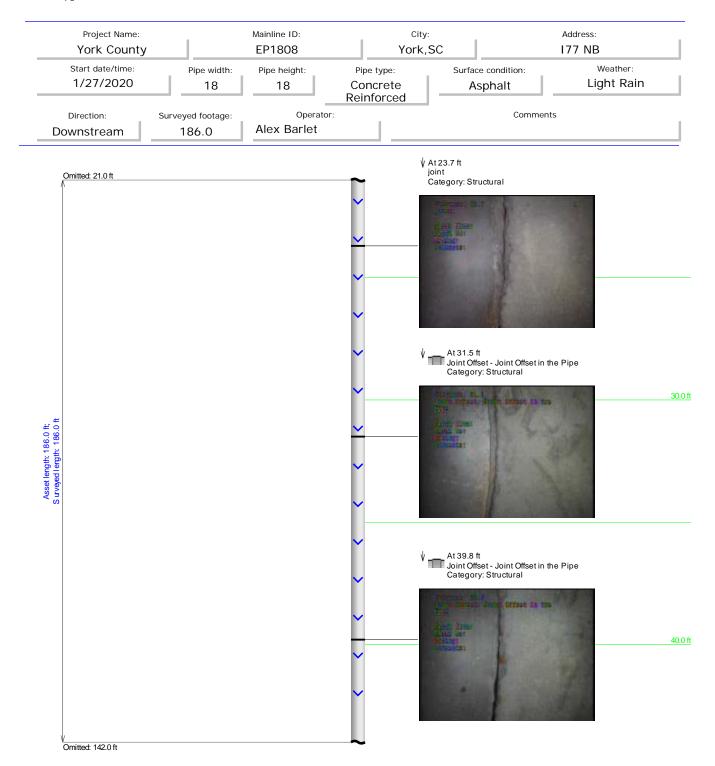




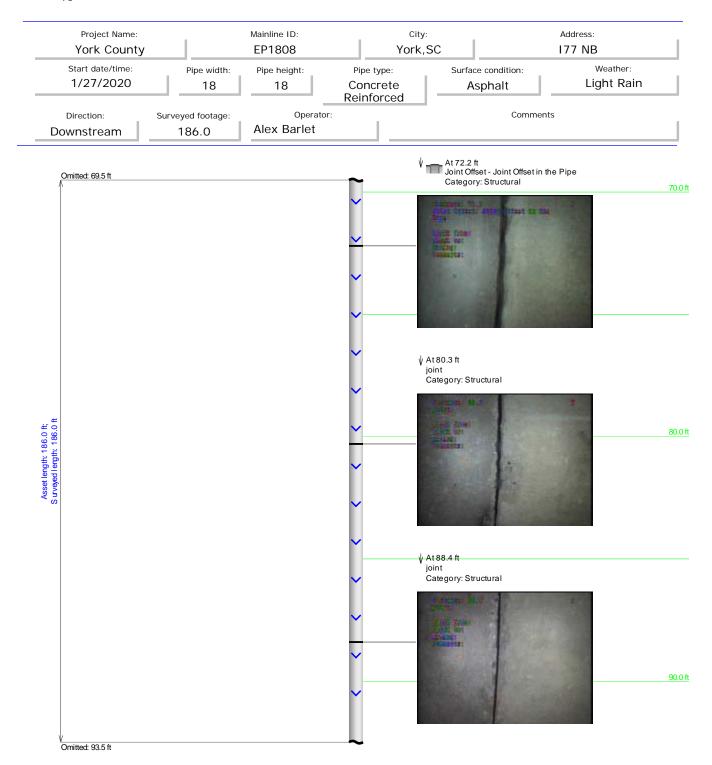


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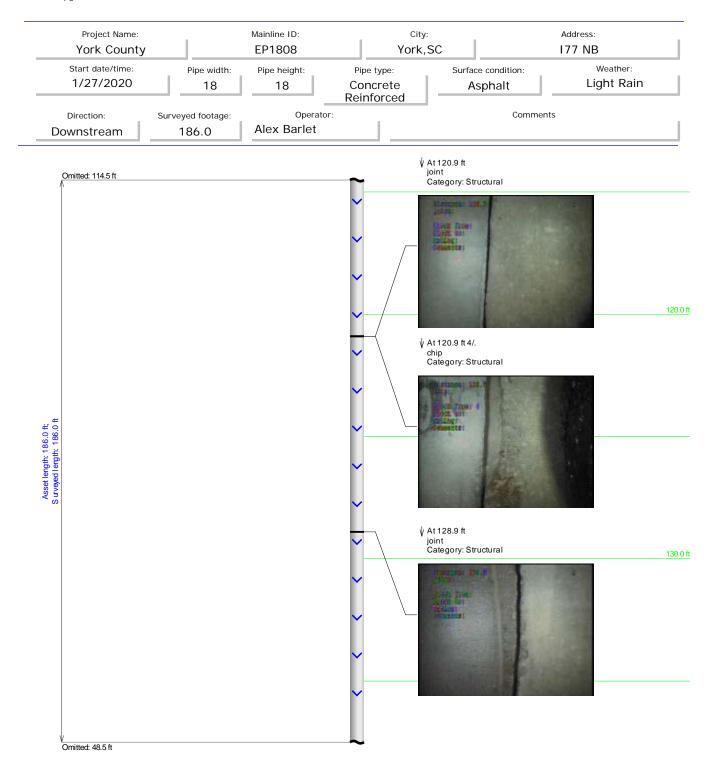


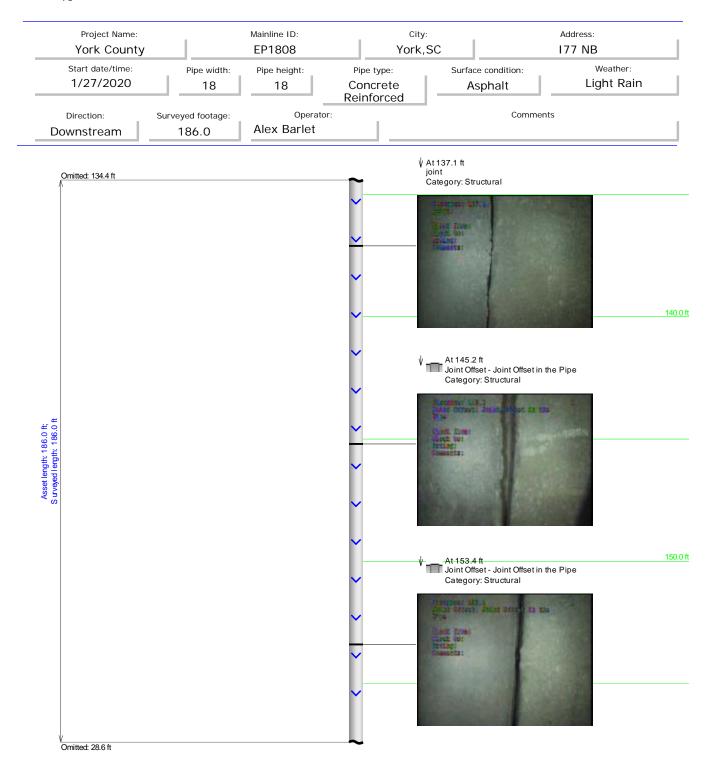




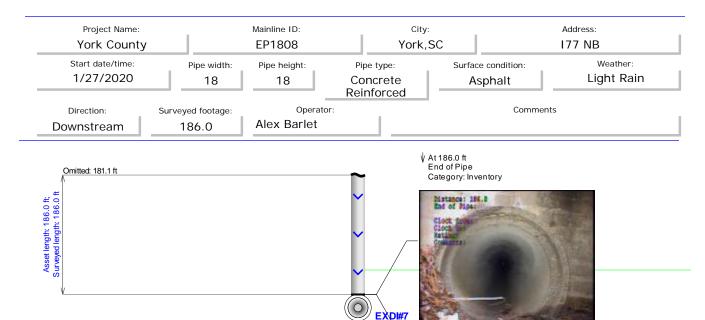








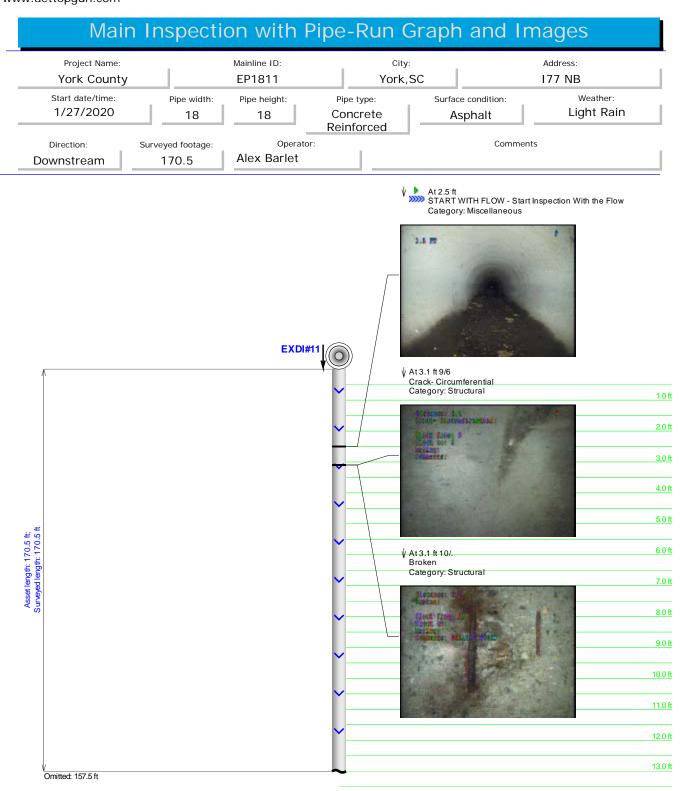


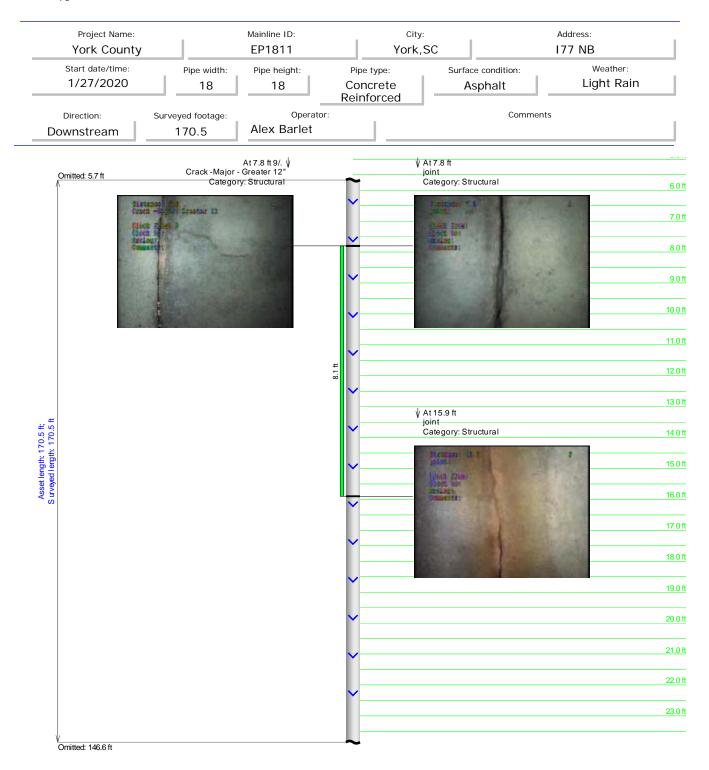


EXD#7

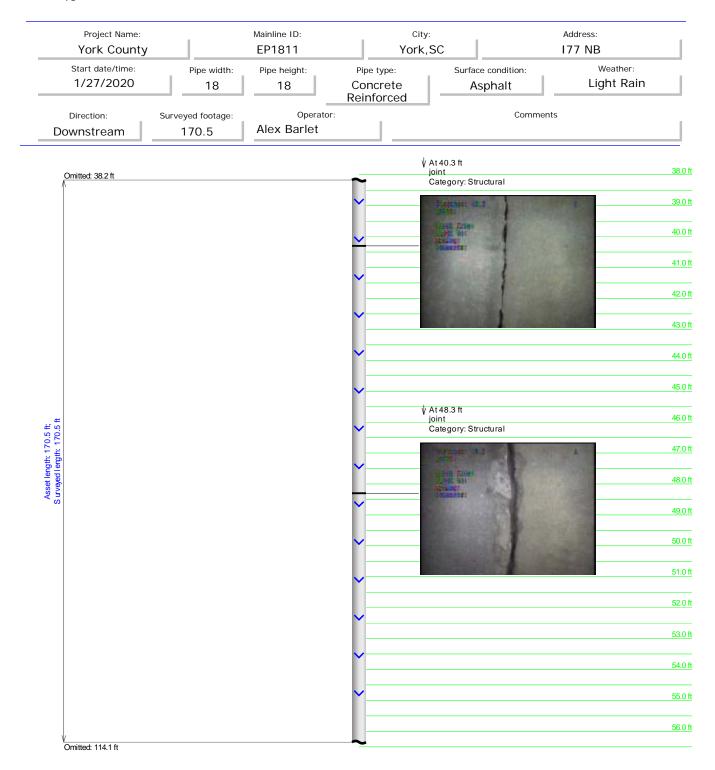
¥ At 186.0 ft STOP - Inspection Stopped Category: Miscellaneous

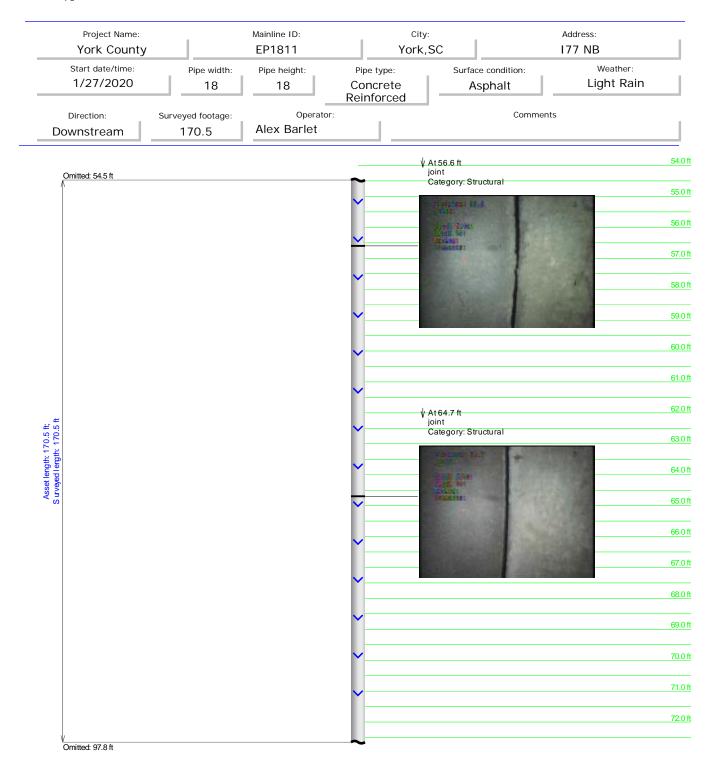
EP-1811

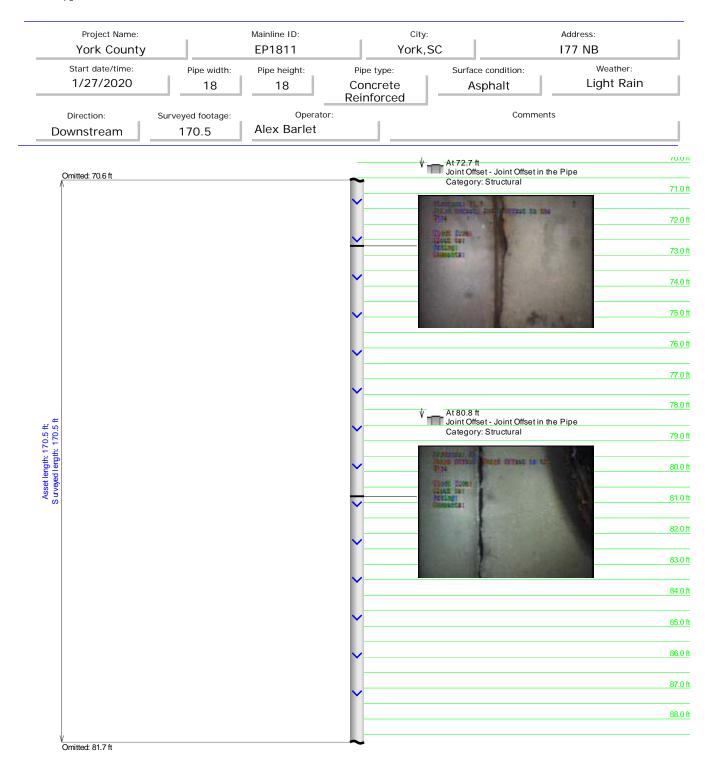


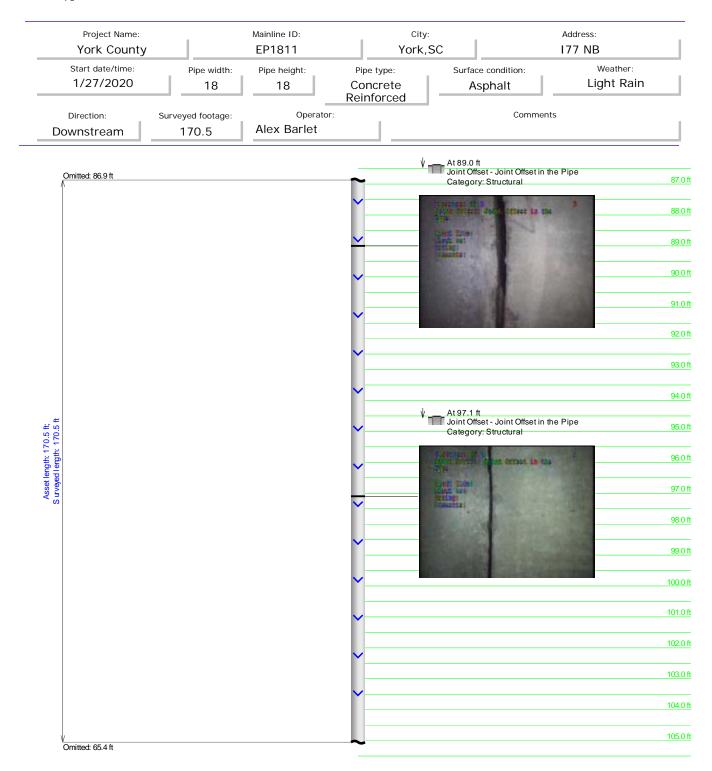


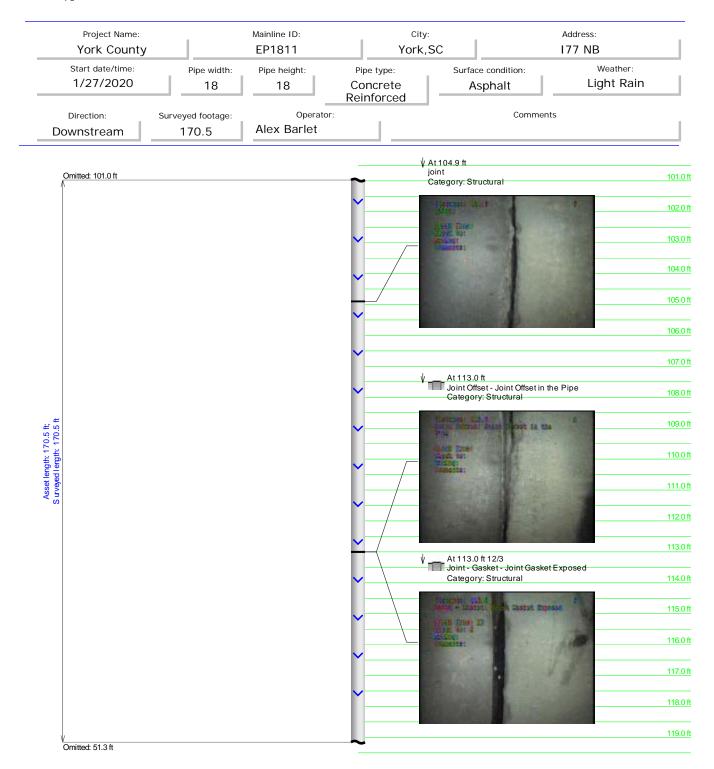


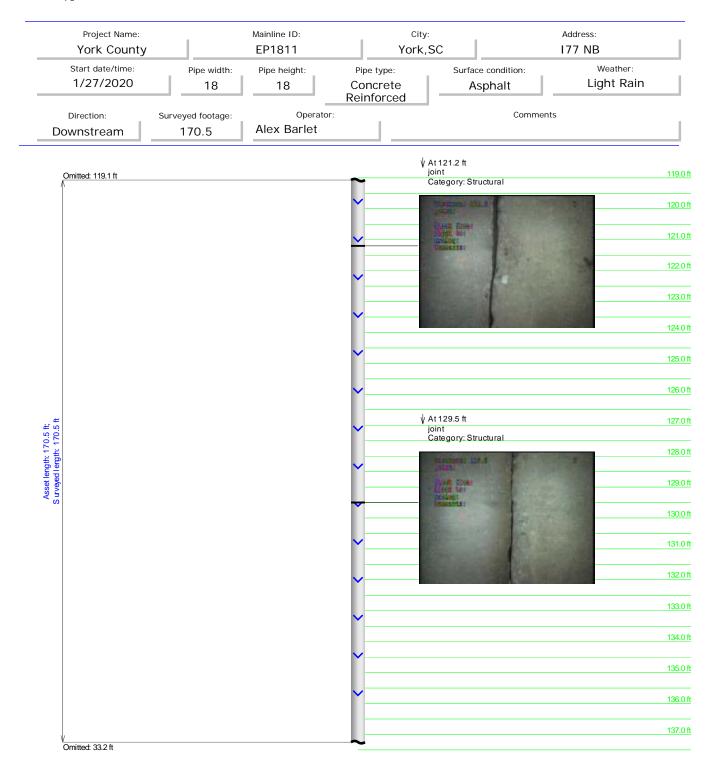


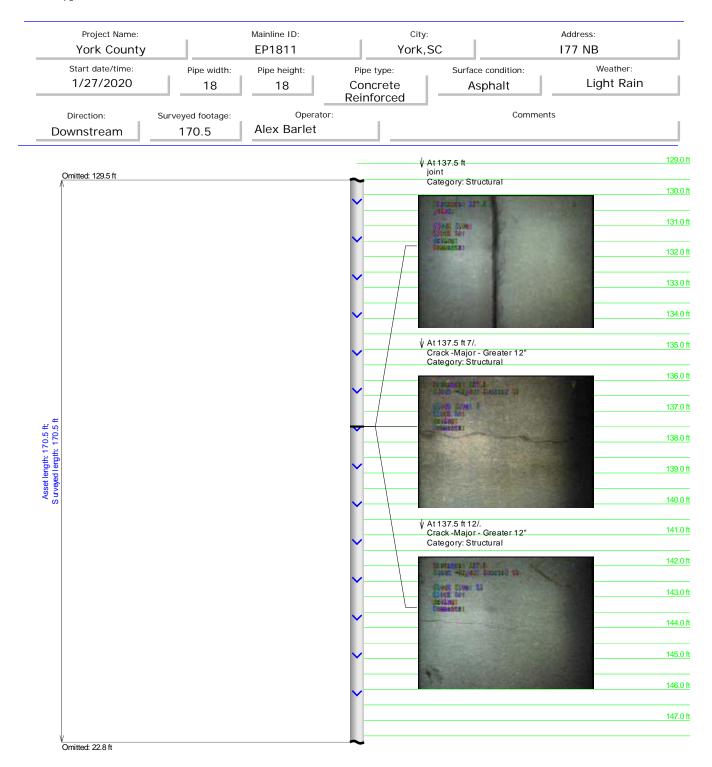


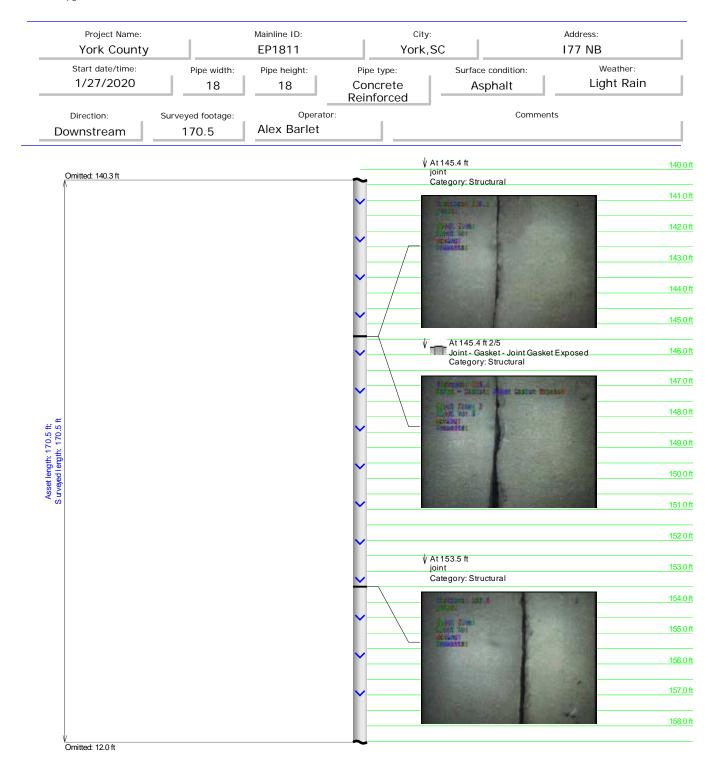


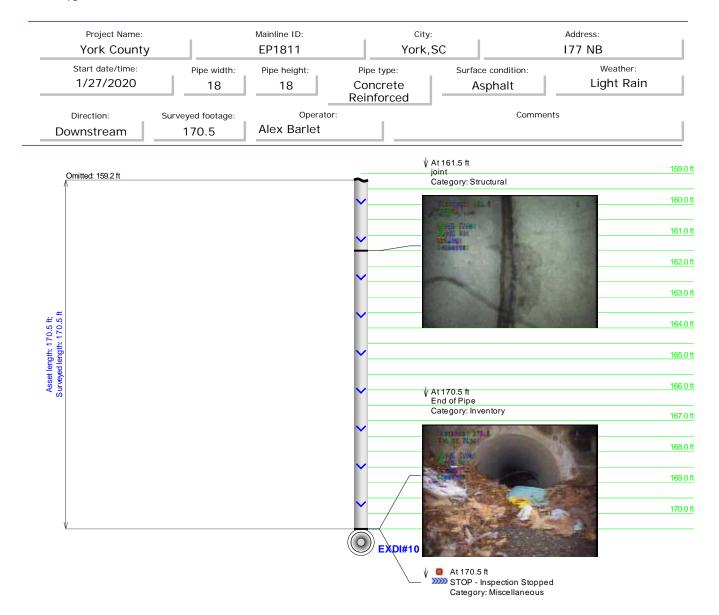




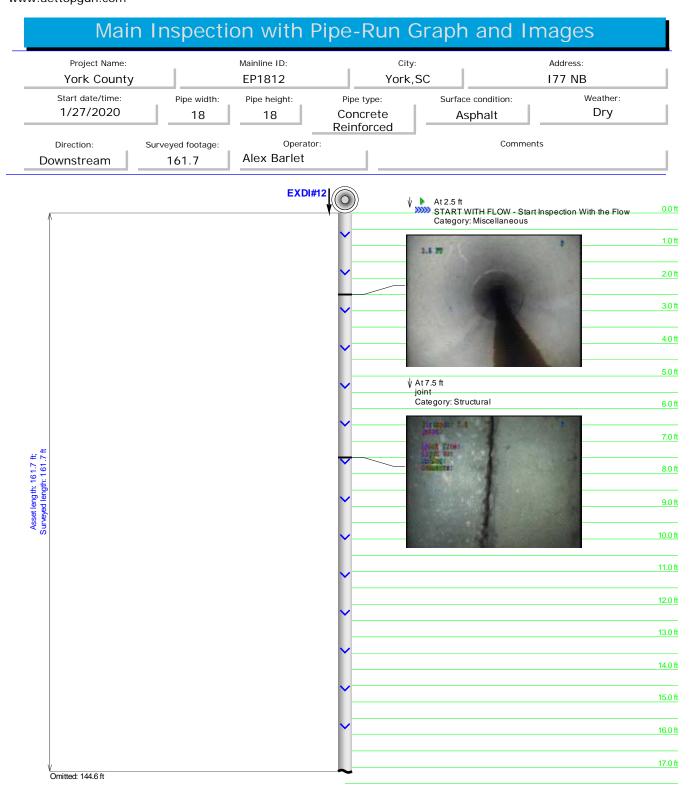




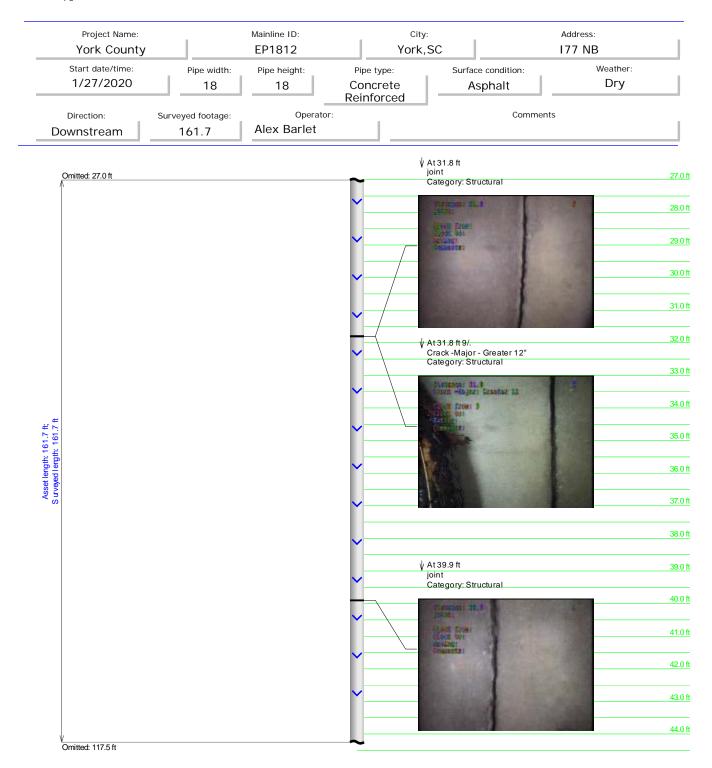


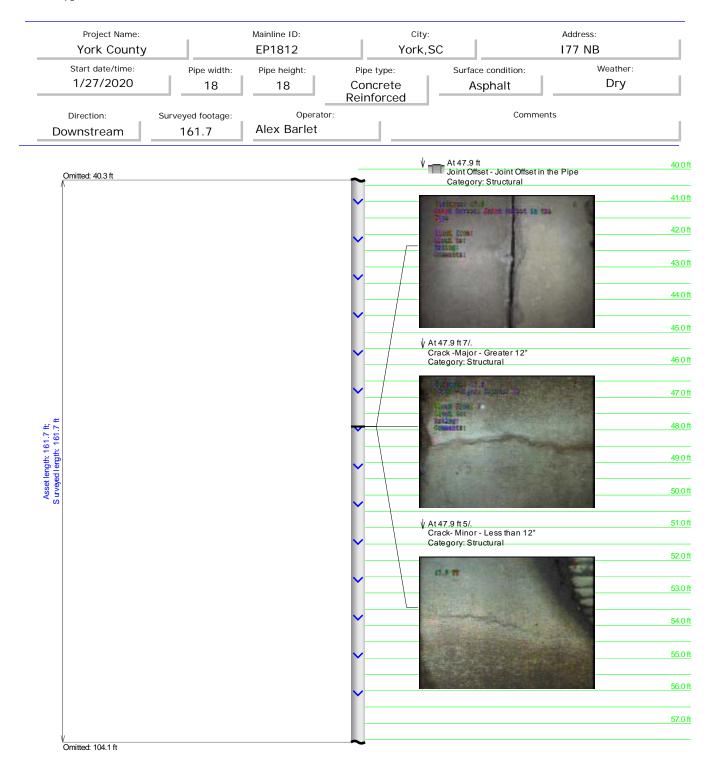


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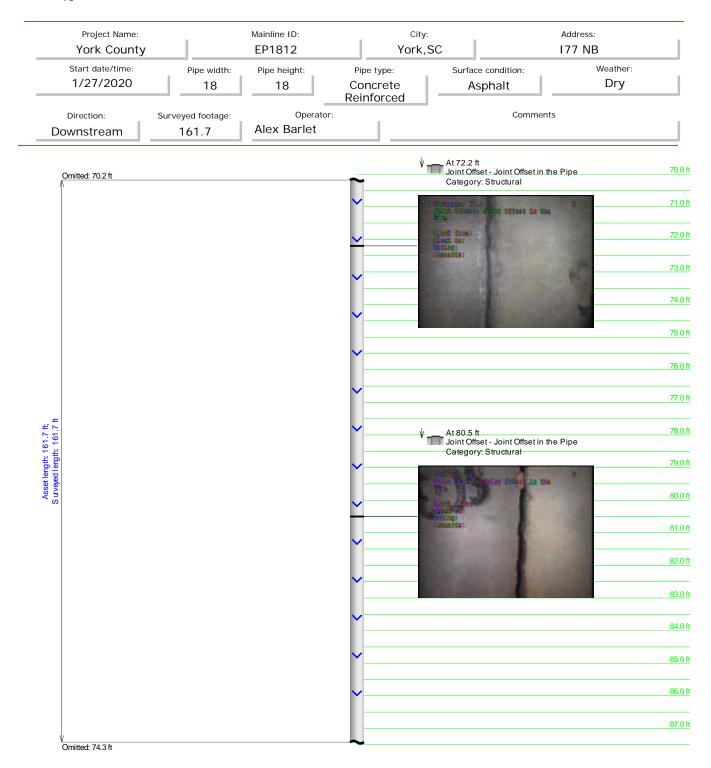






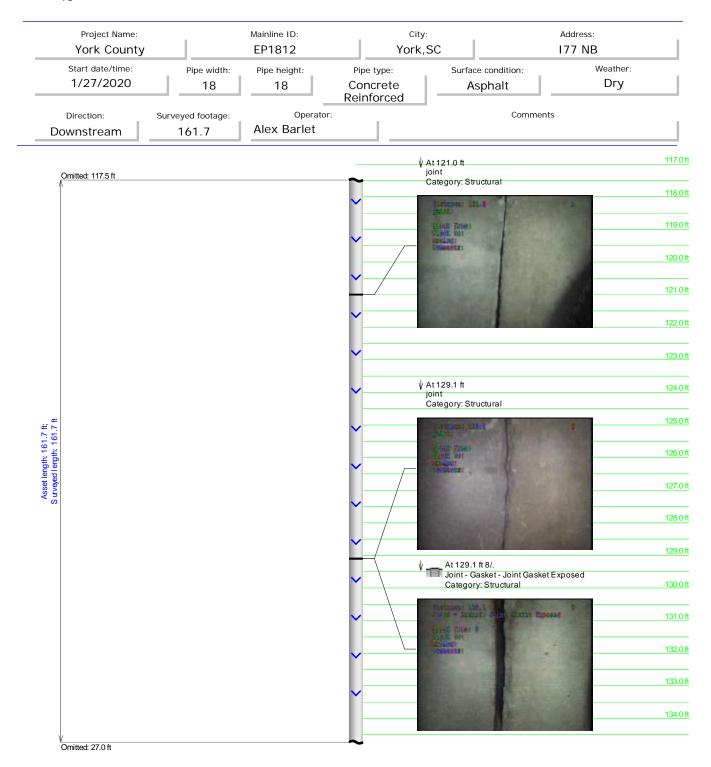






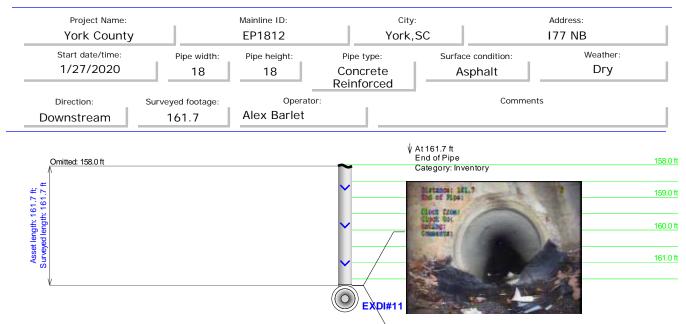






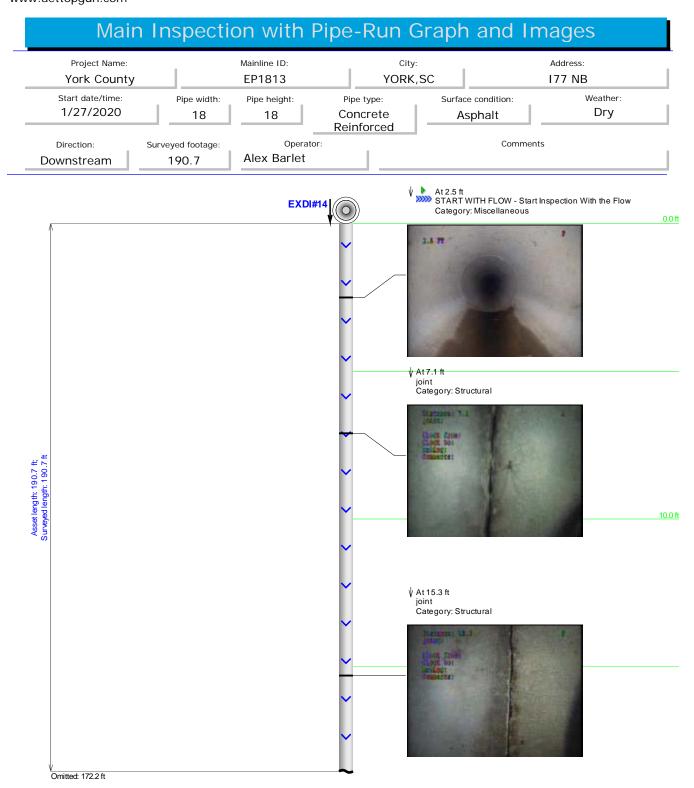


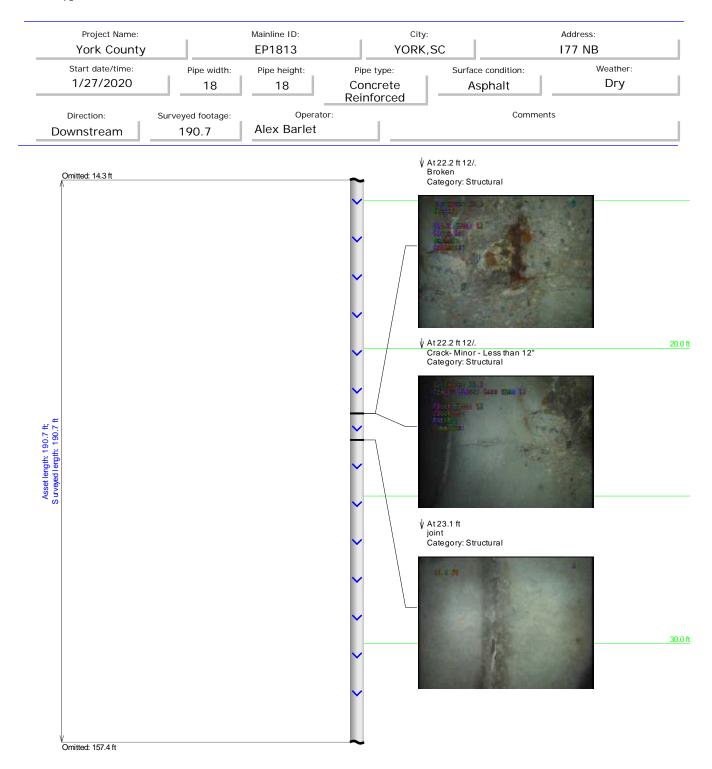


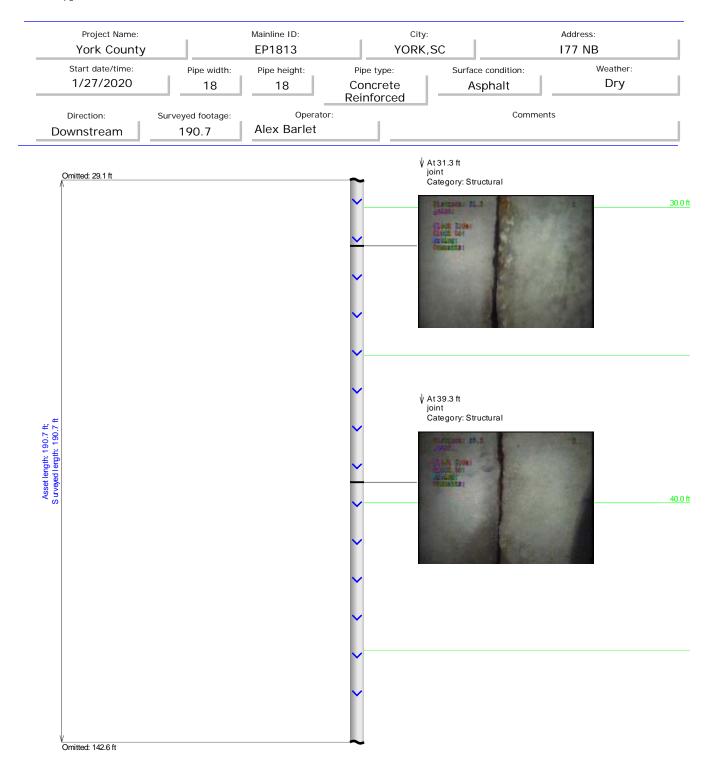


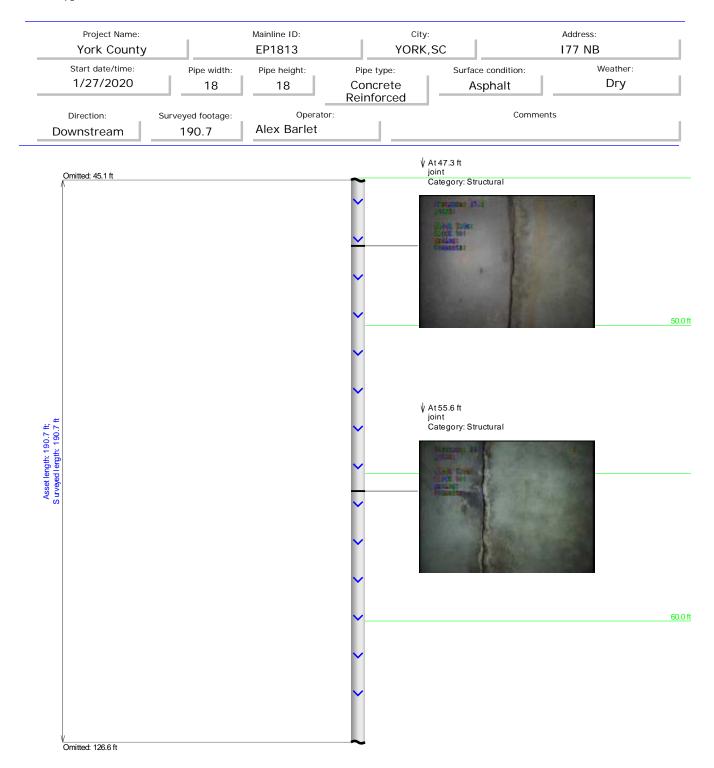
 At 161.7 ft
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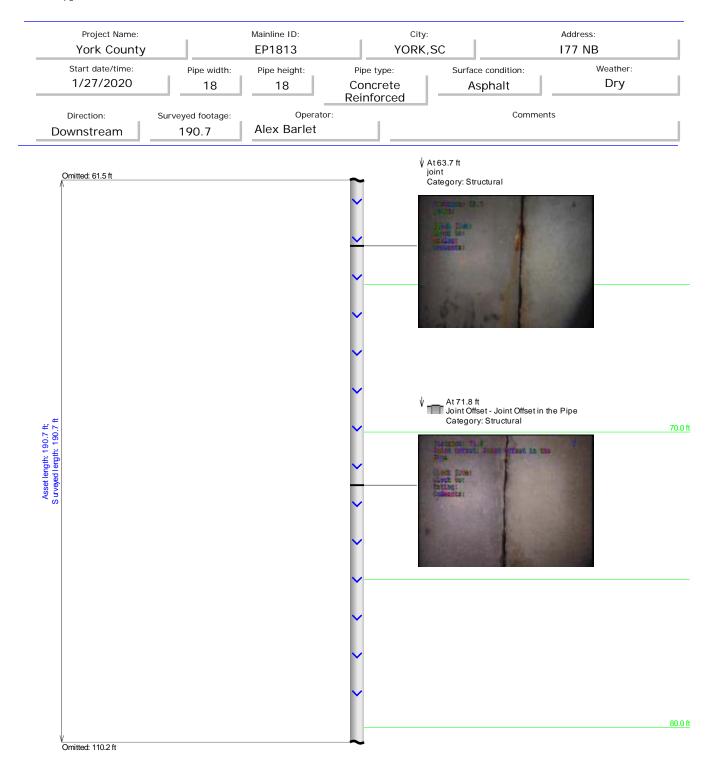
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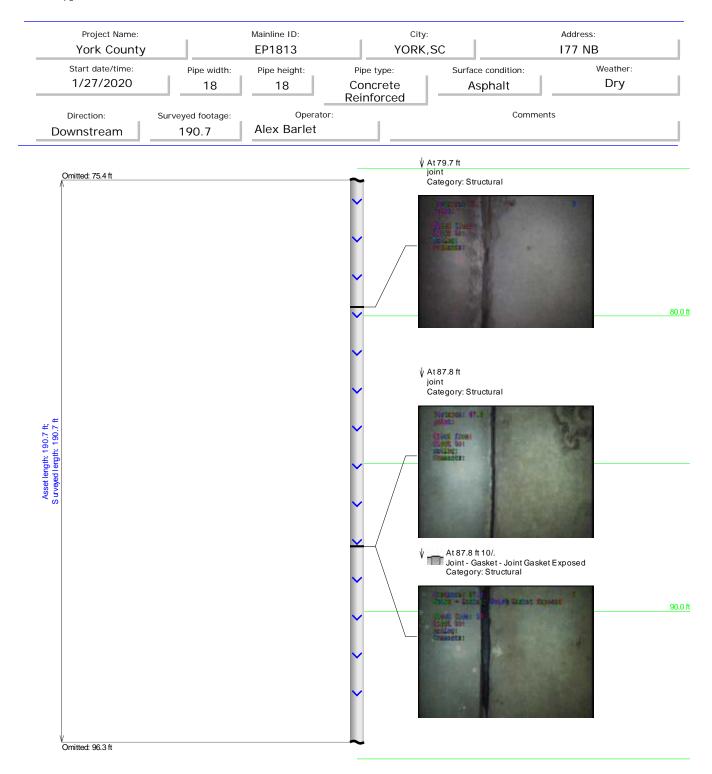


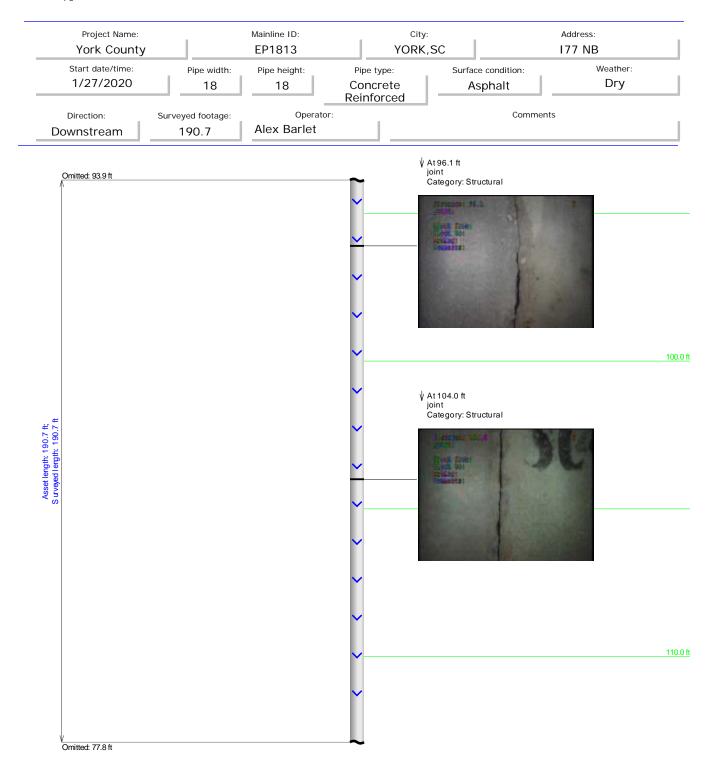


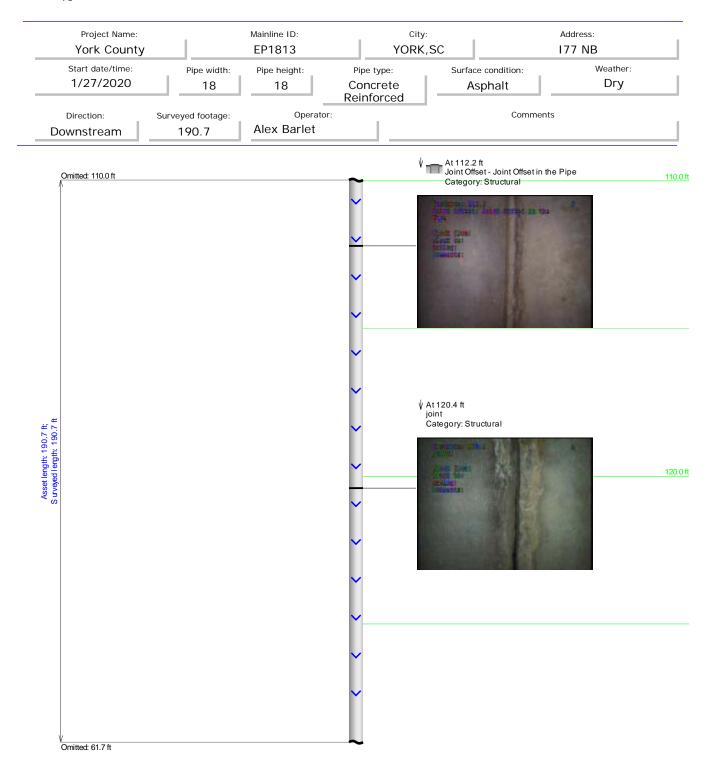


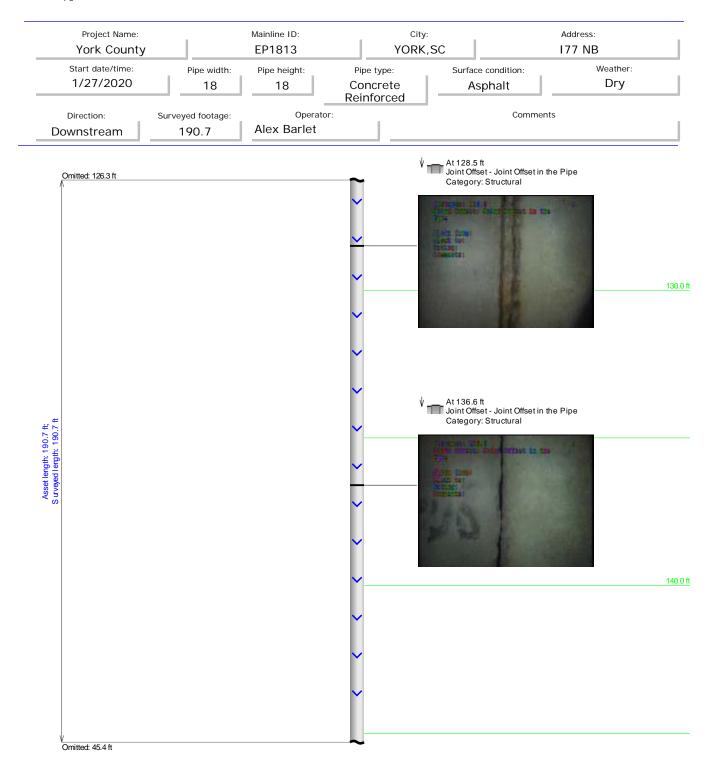


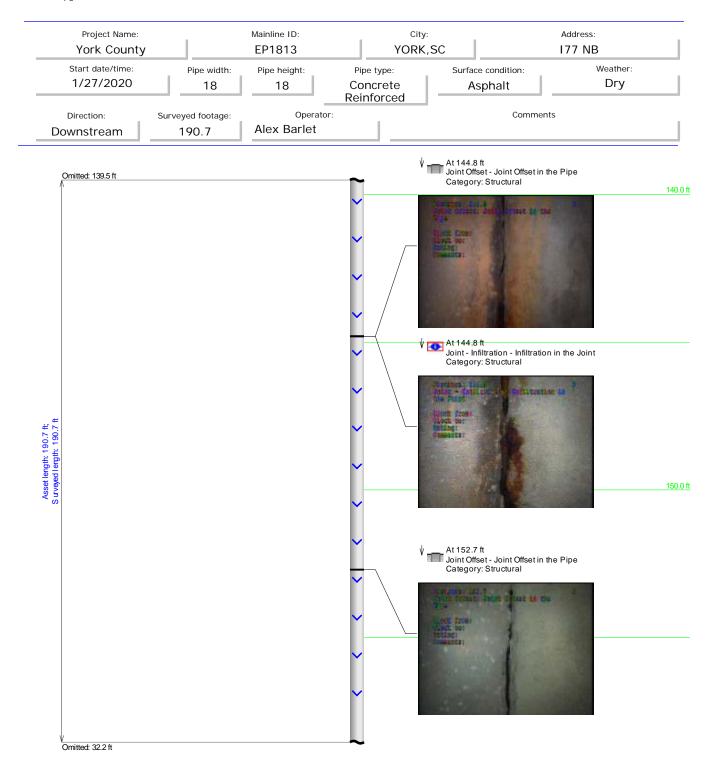


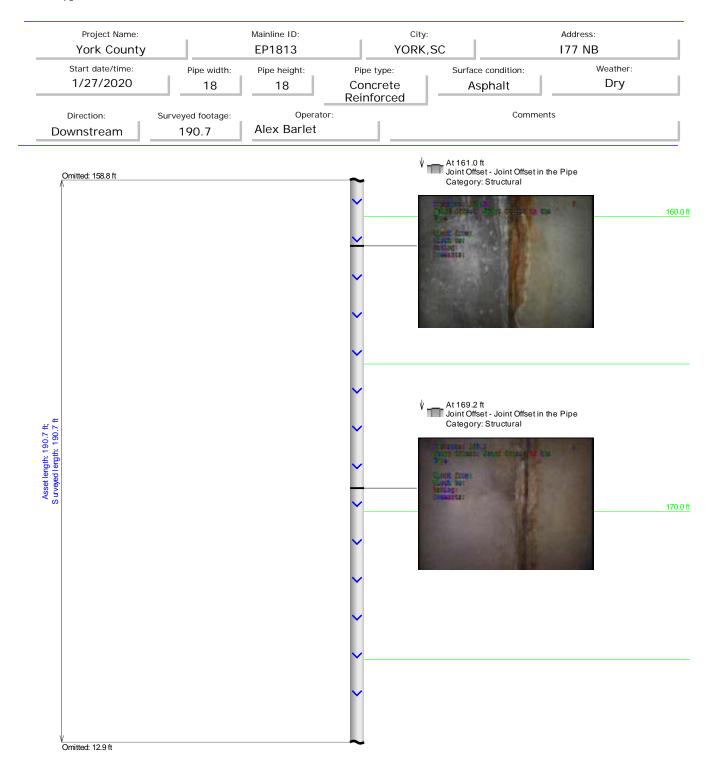


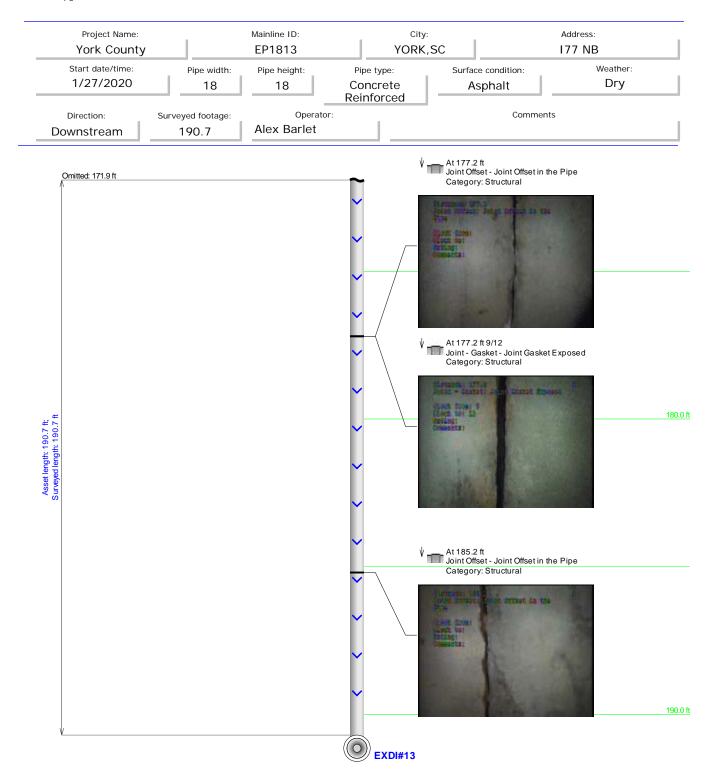


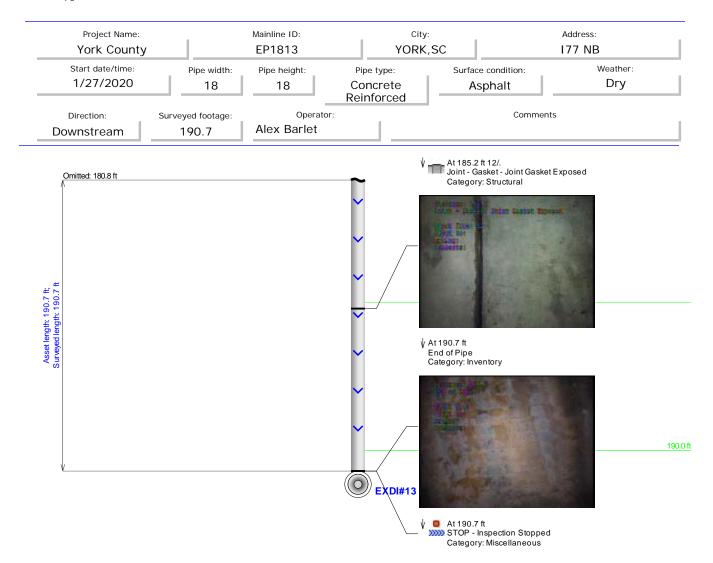




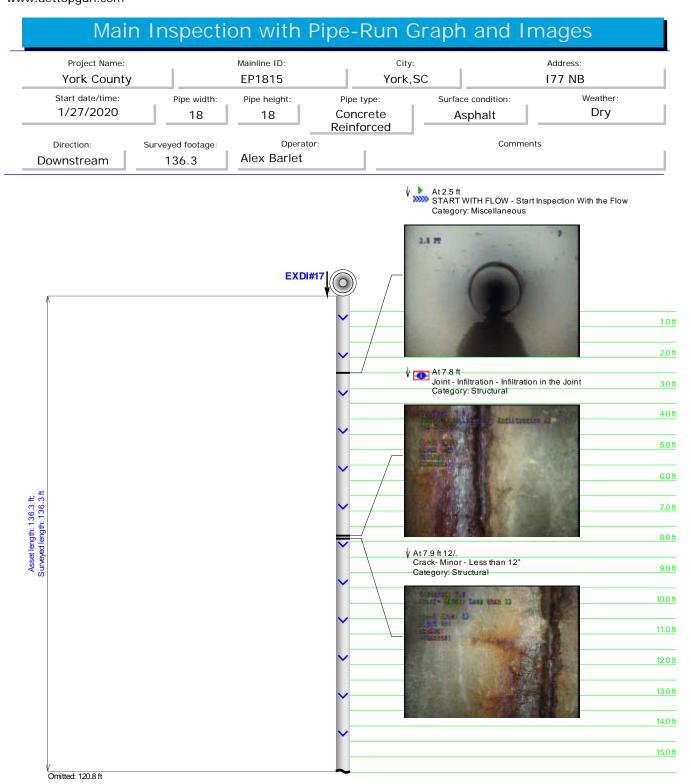


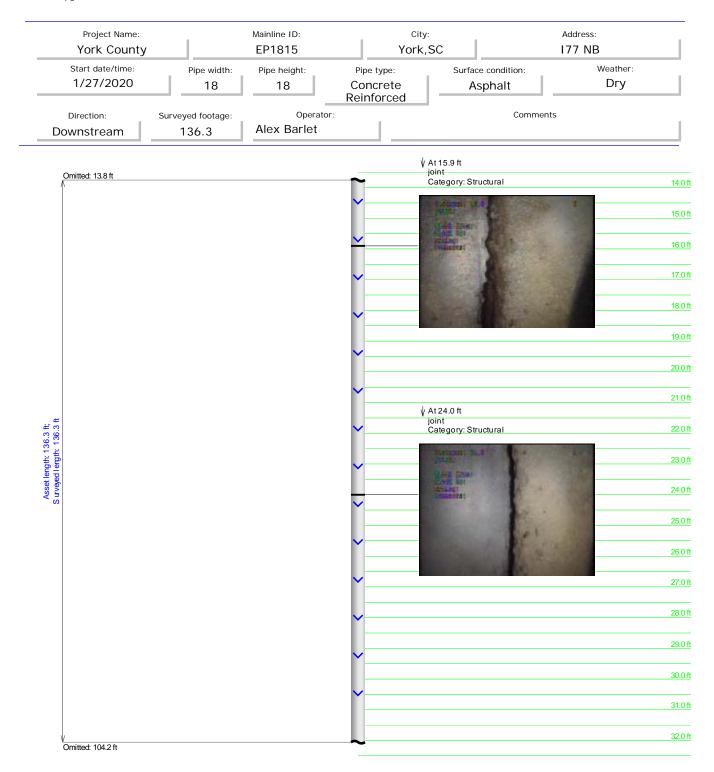






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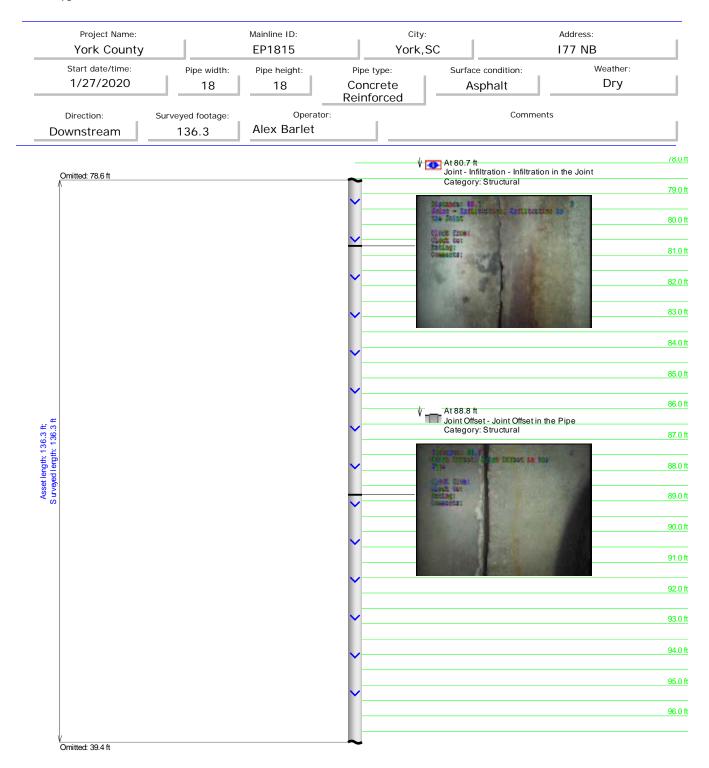


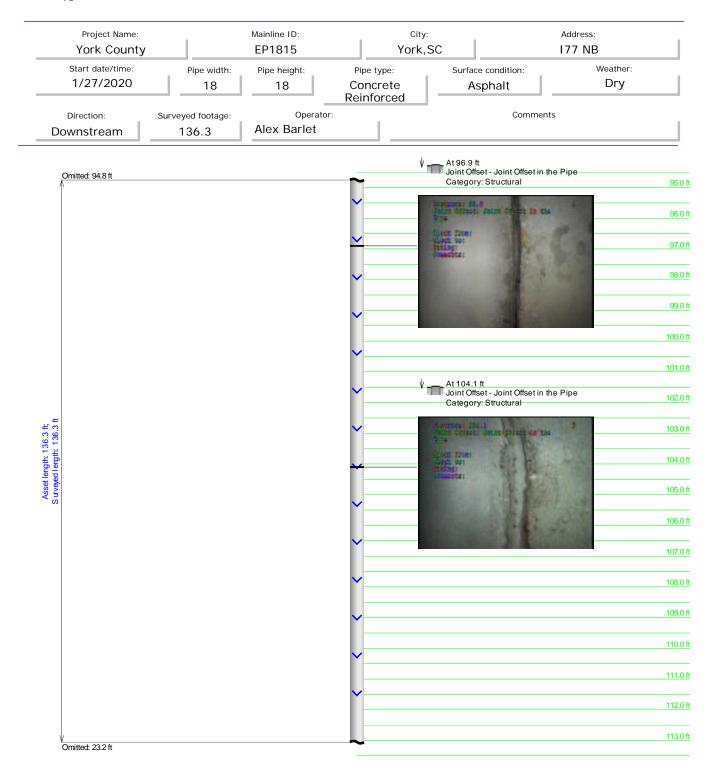




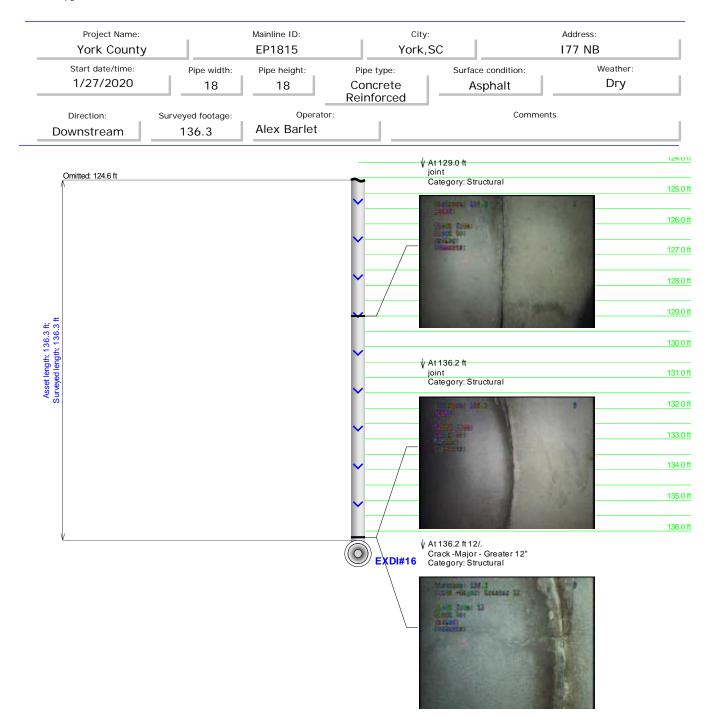


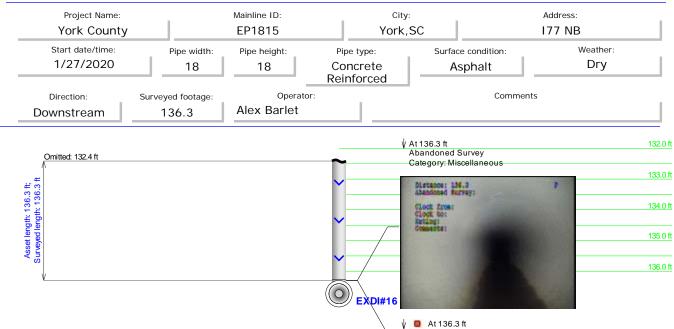






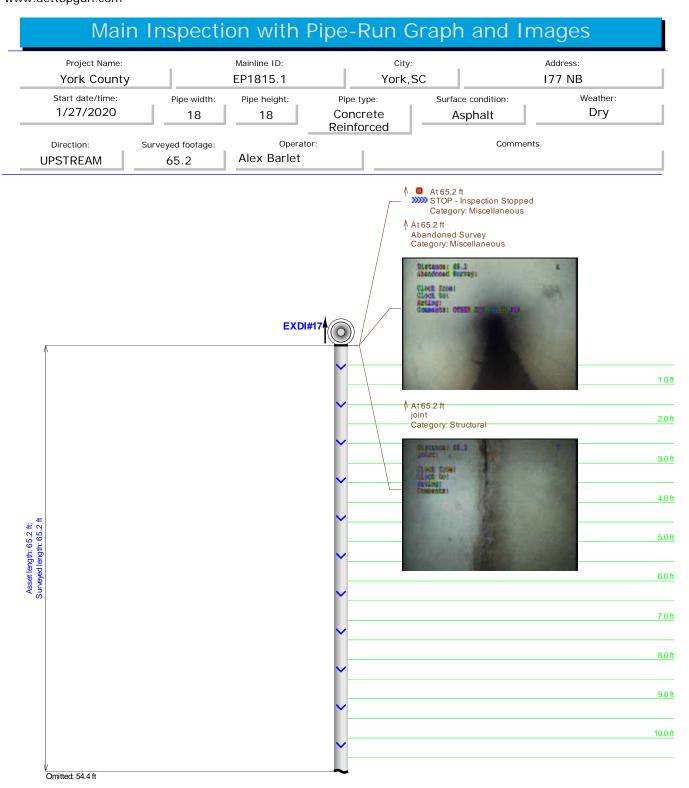


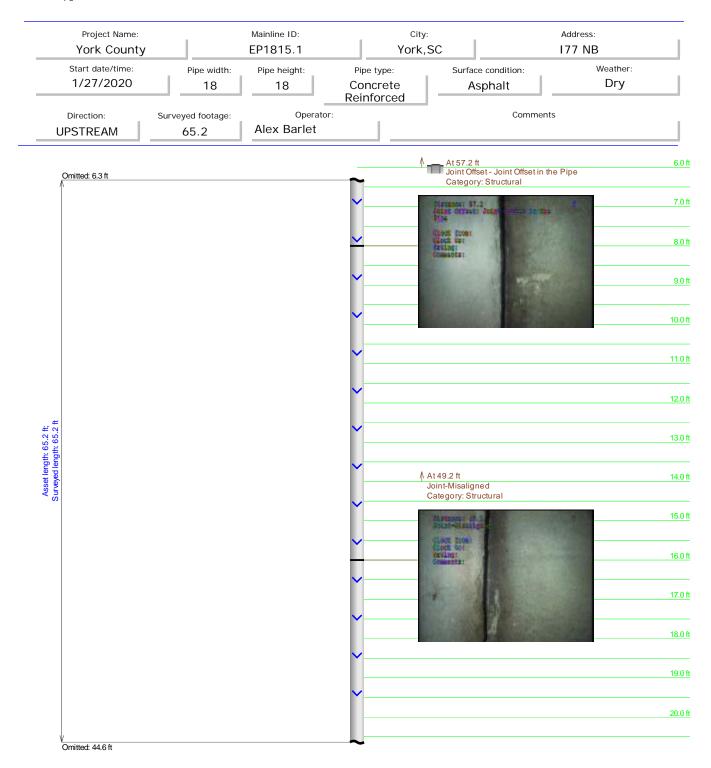




STOP - Inspection Stopped Category: Miscellaneous

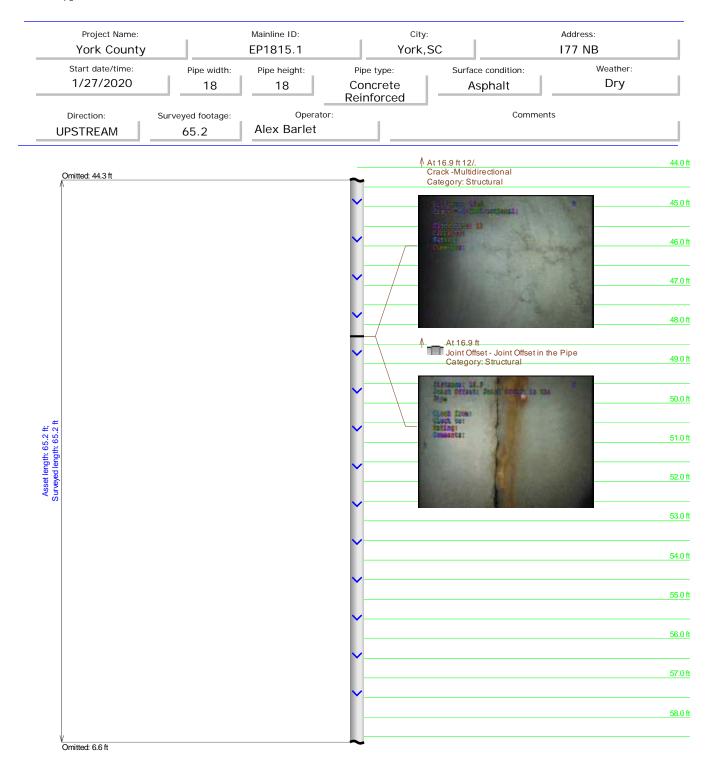
EP-1815.1

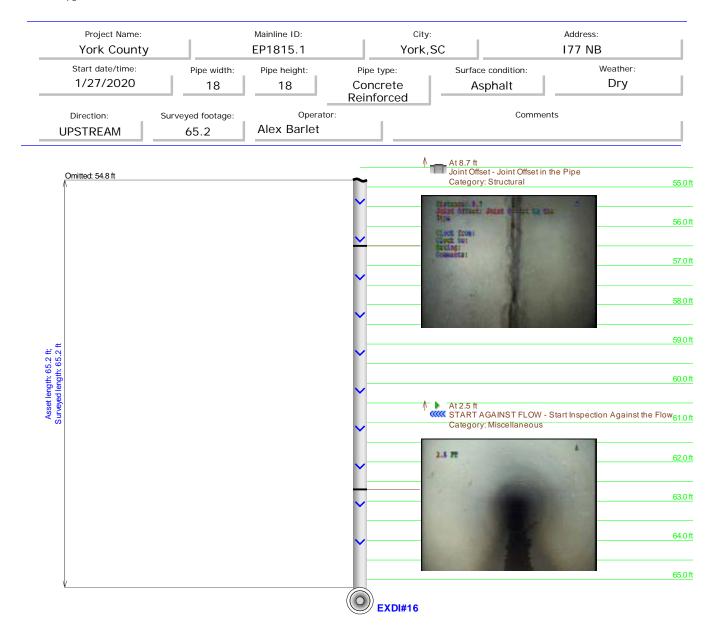




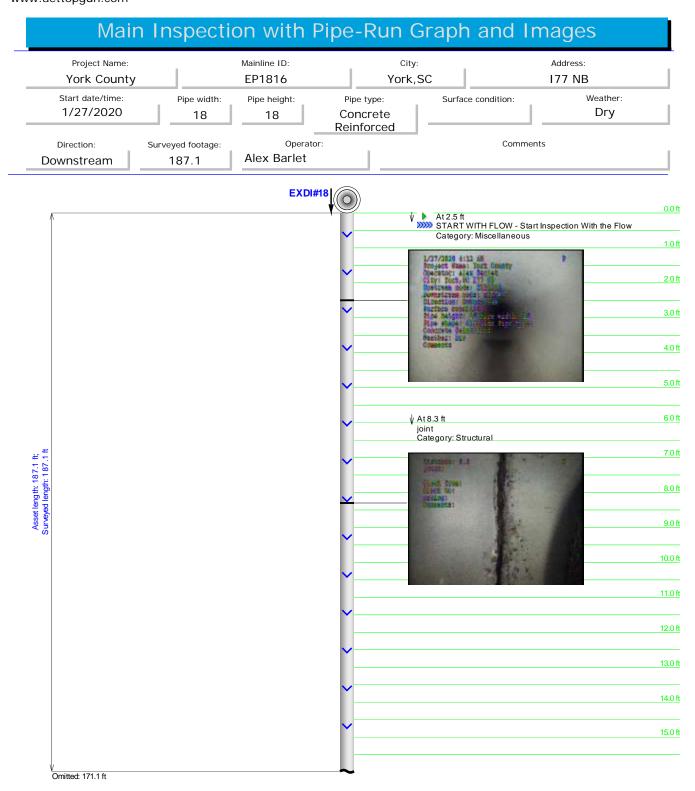




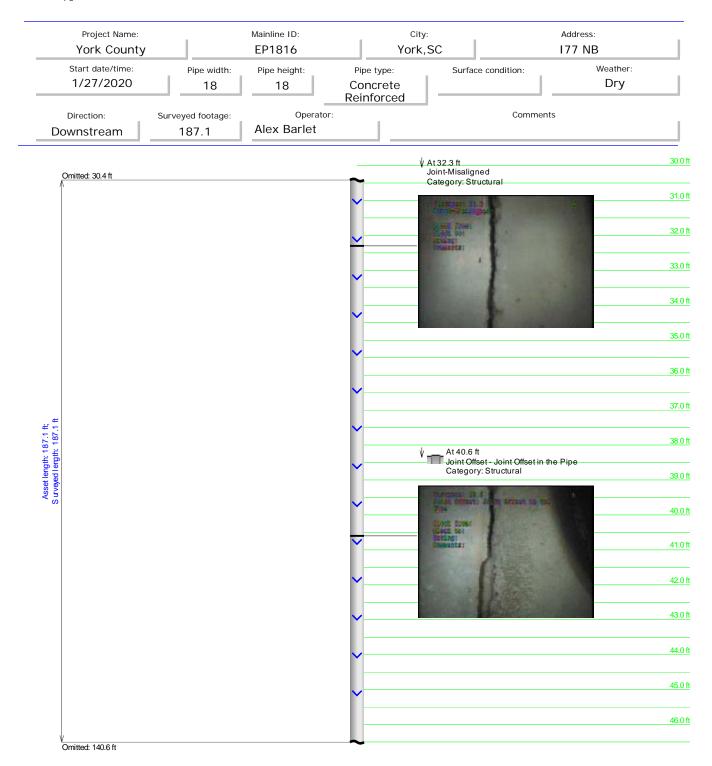




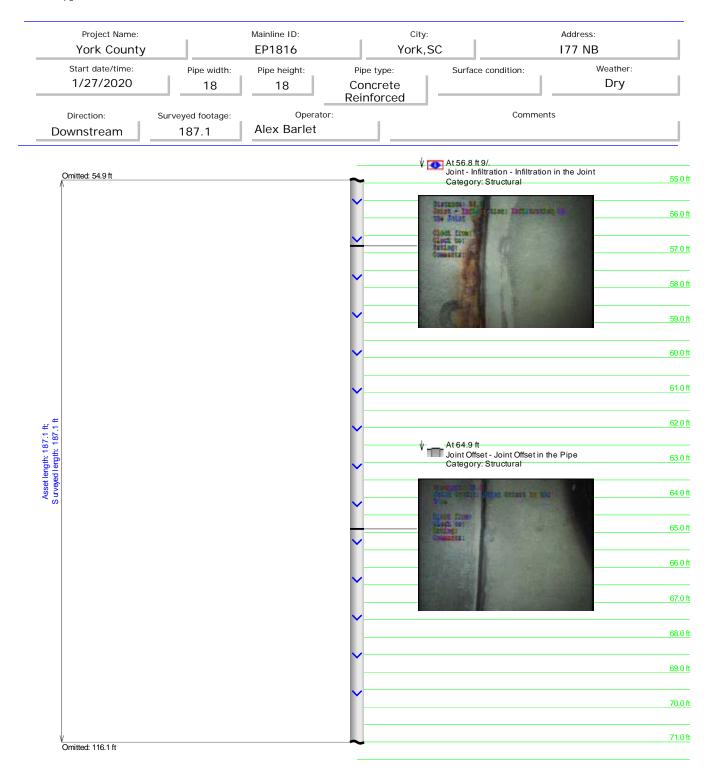
EP-1816





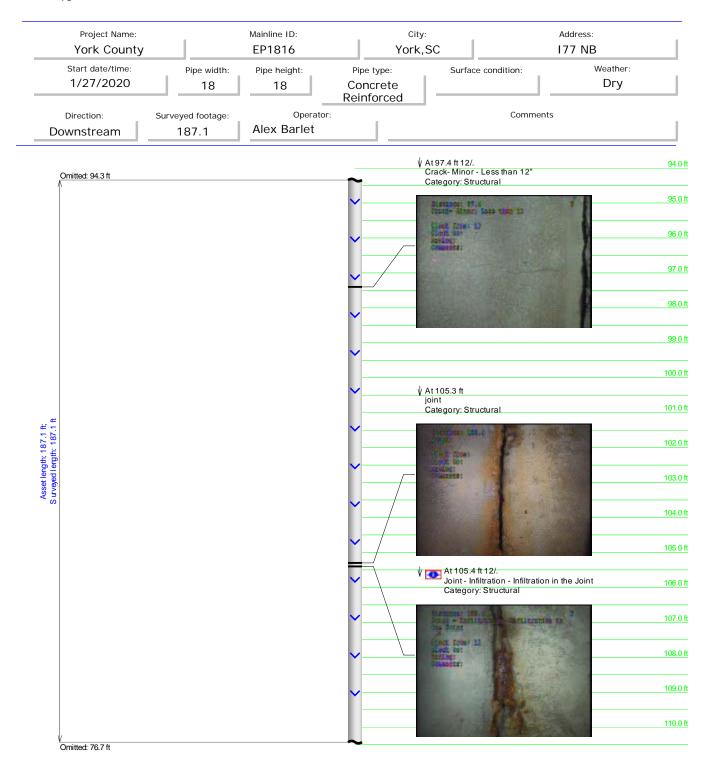






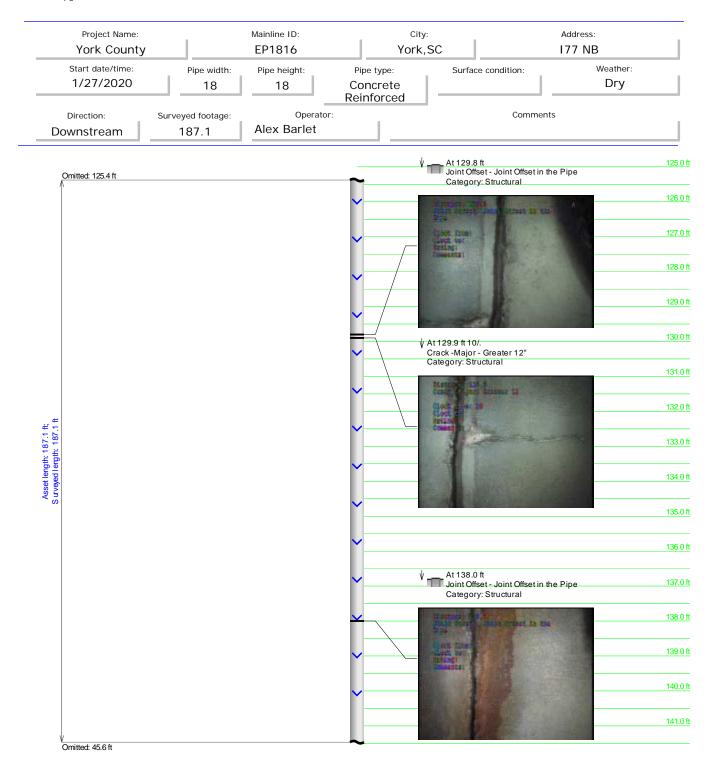


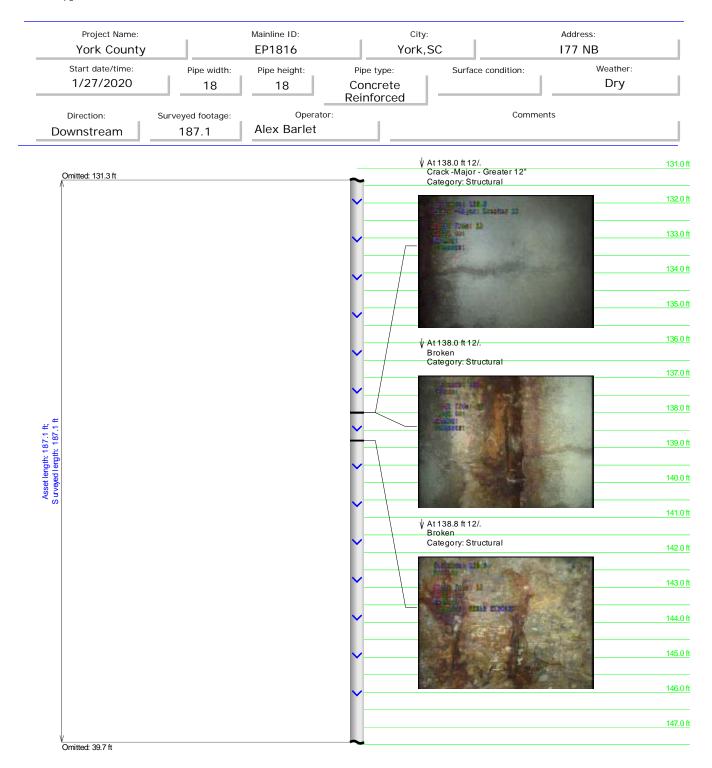


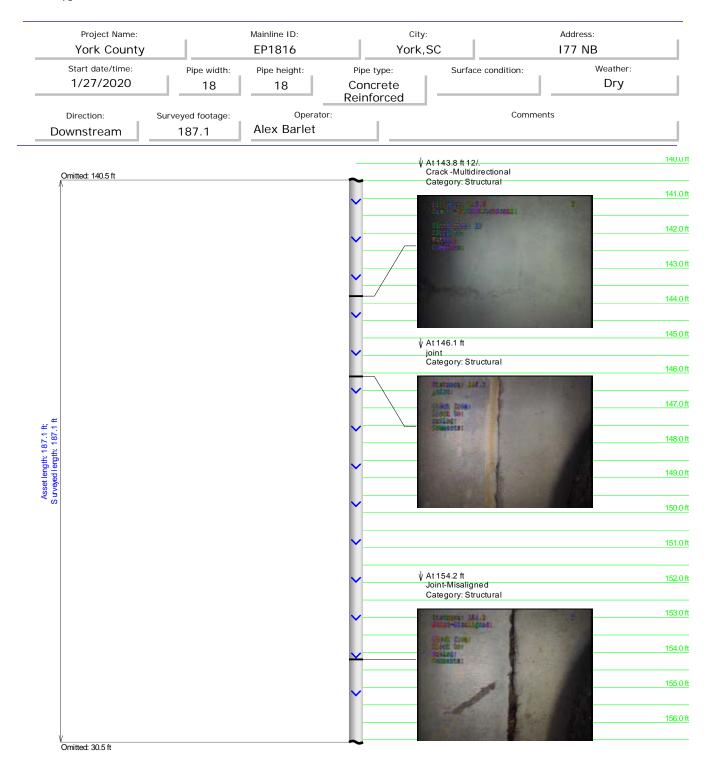


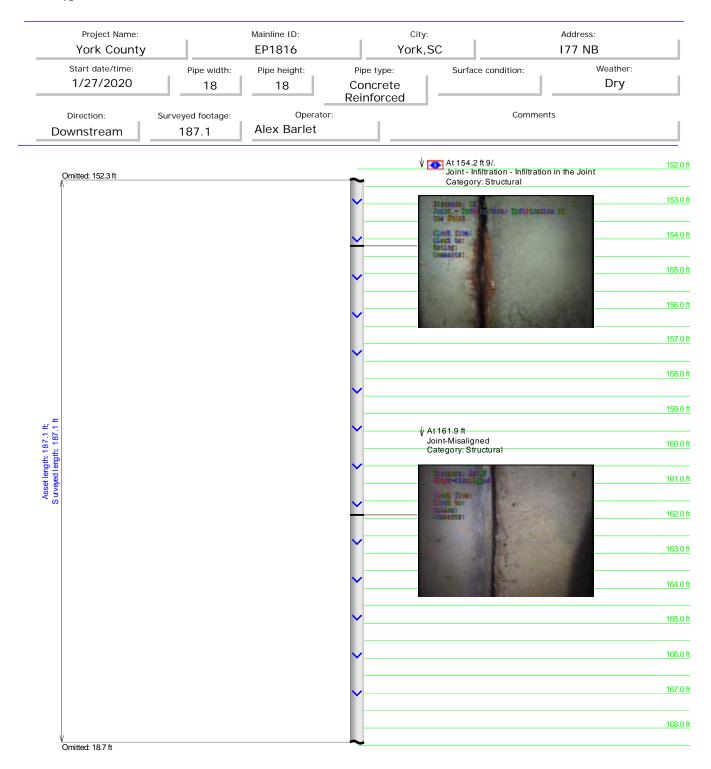
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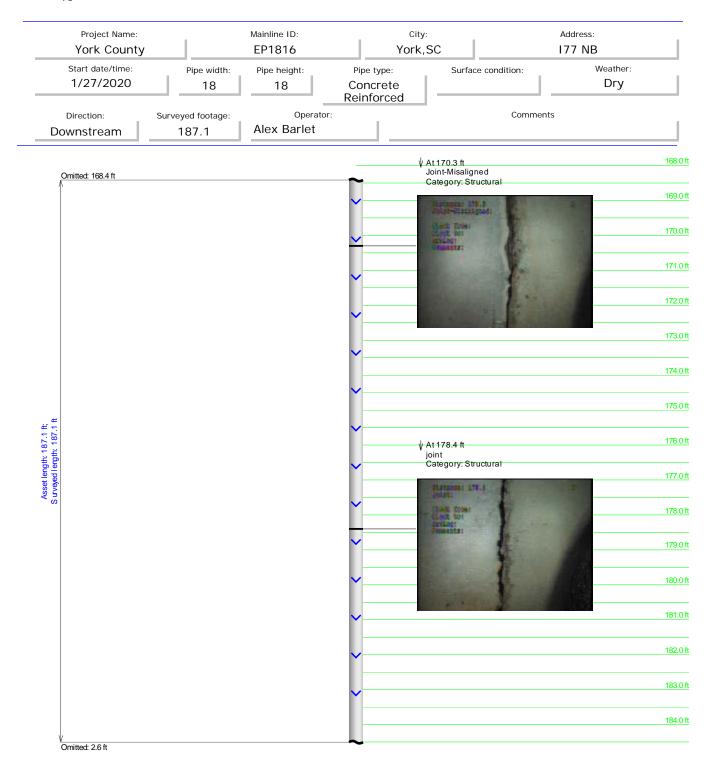


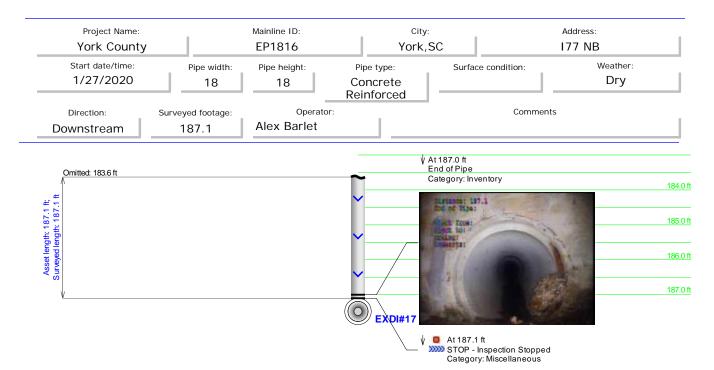




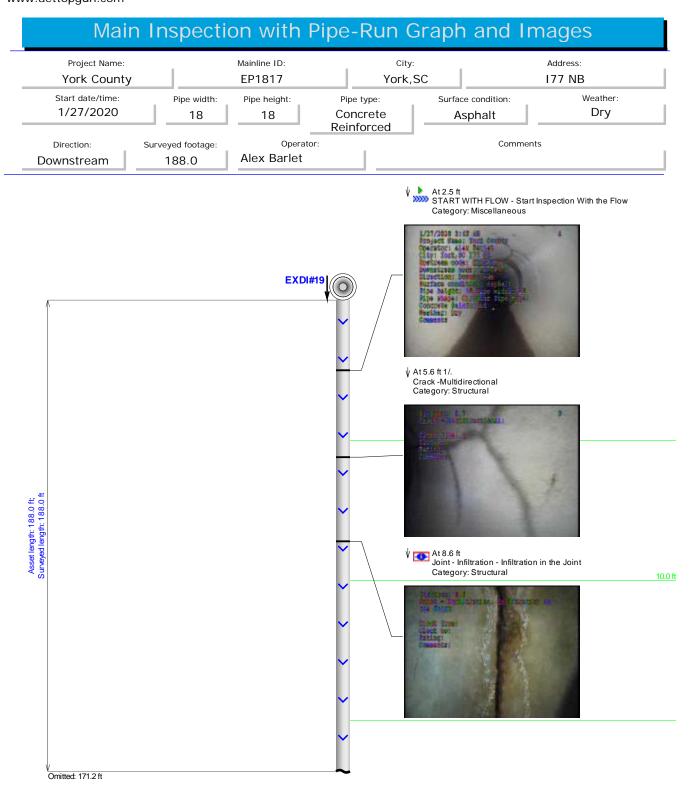


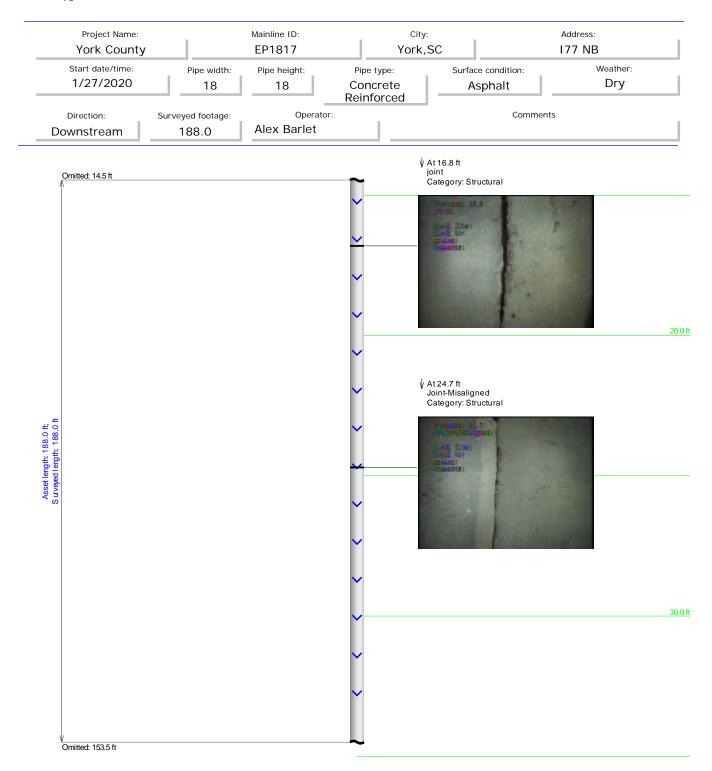


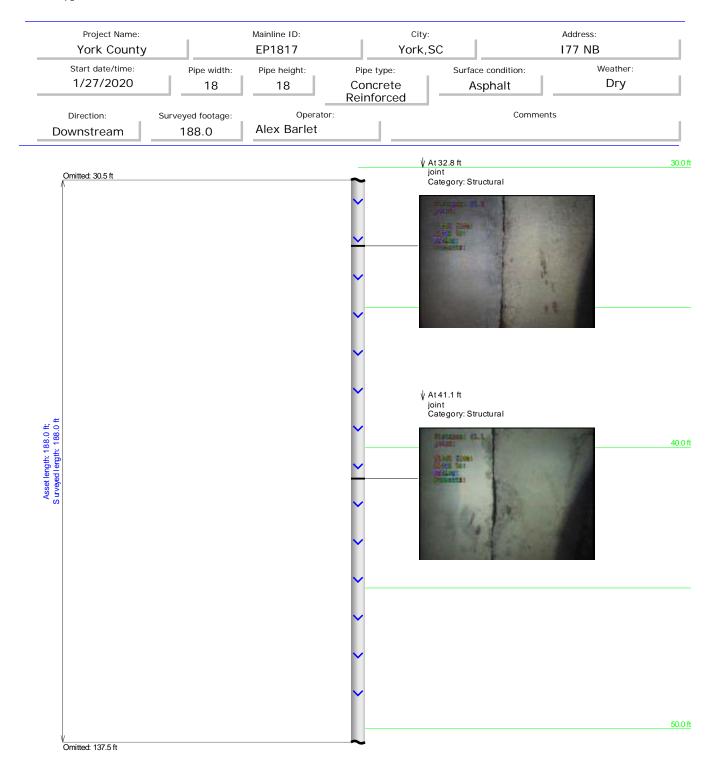


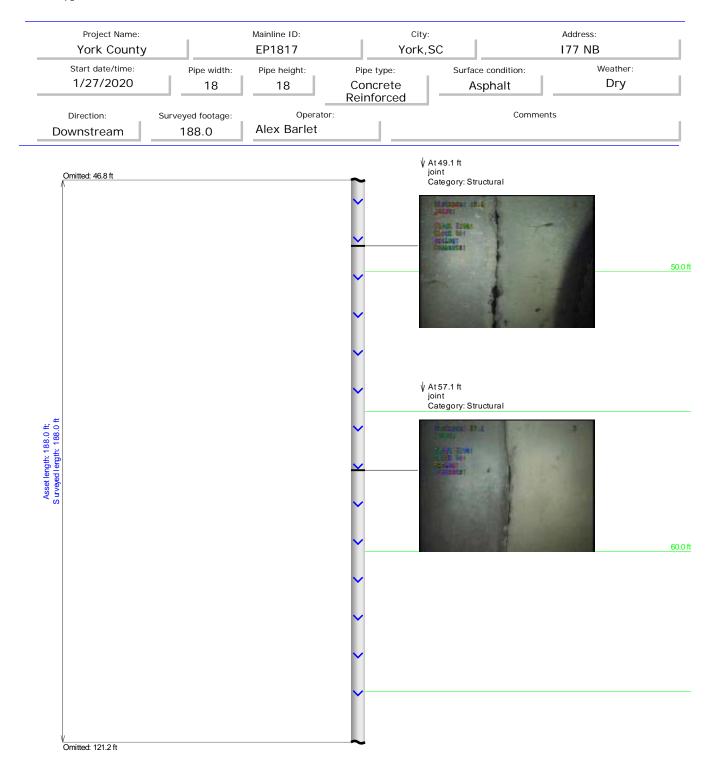


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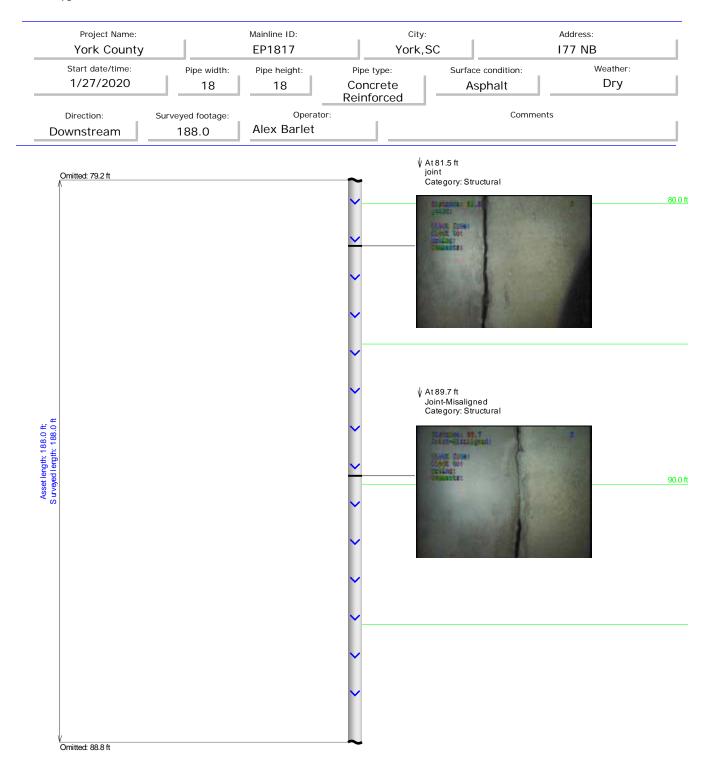


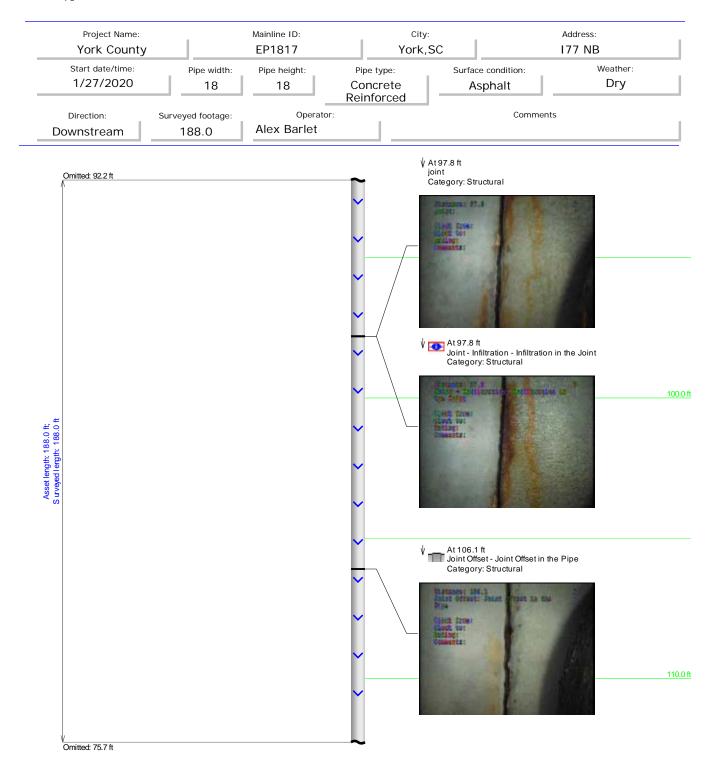


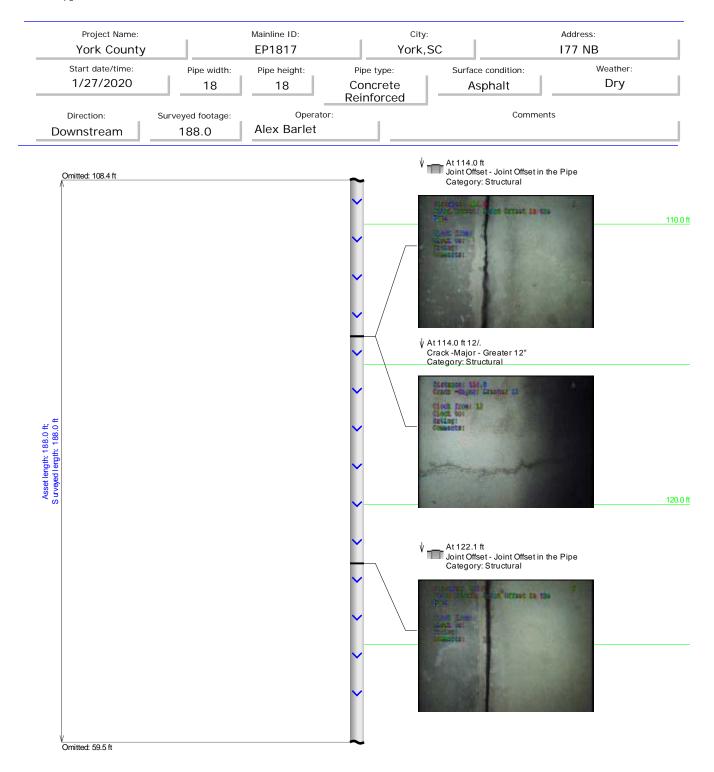


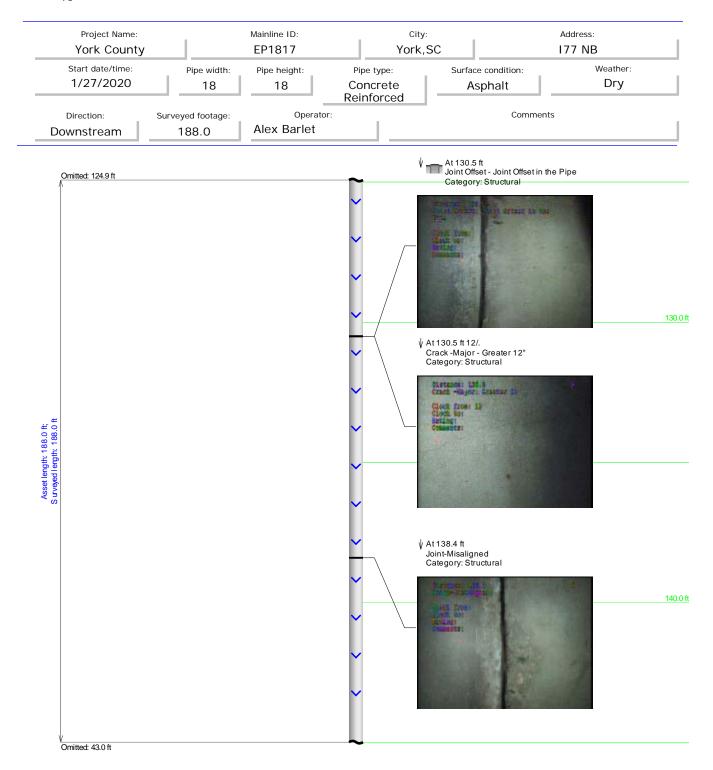


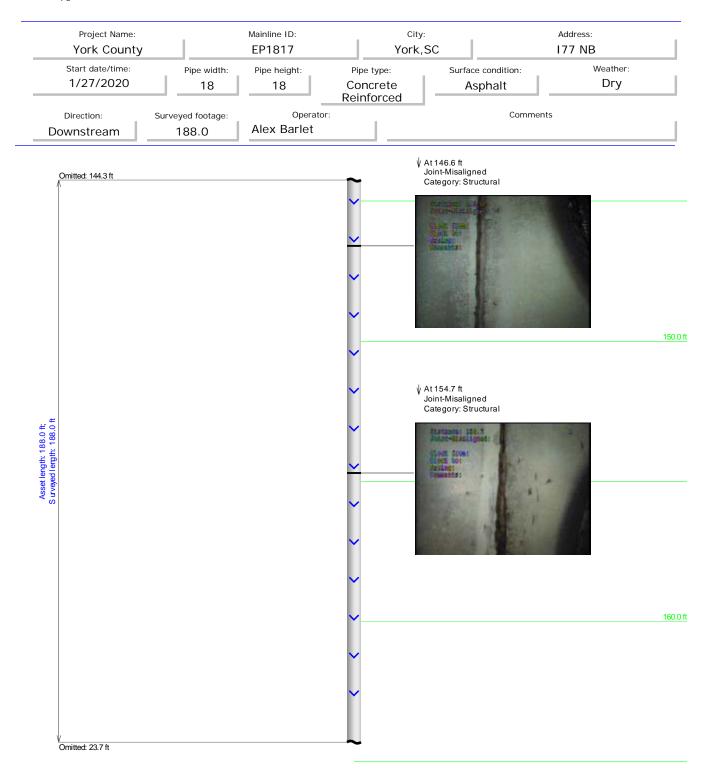


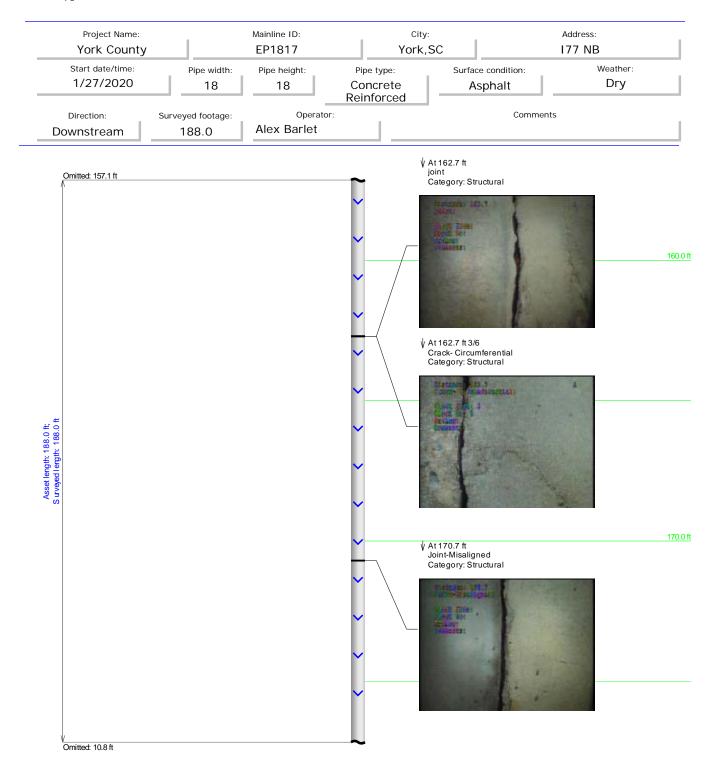


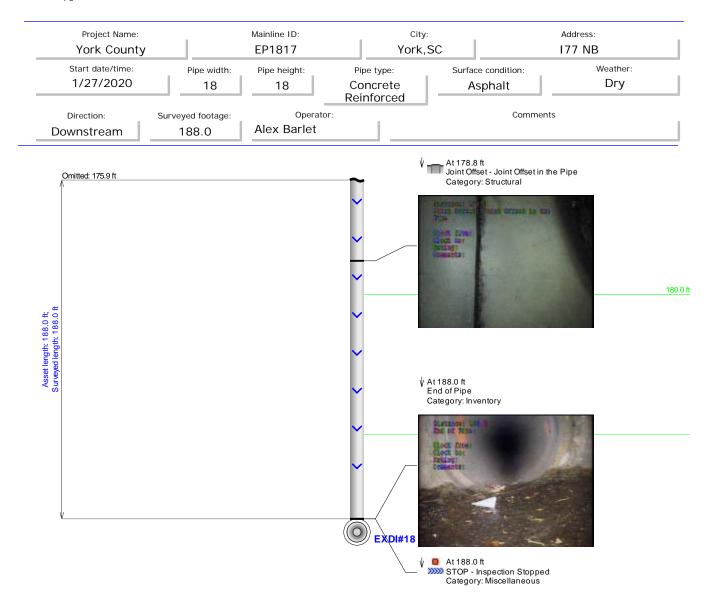




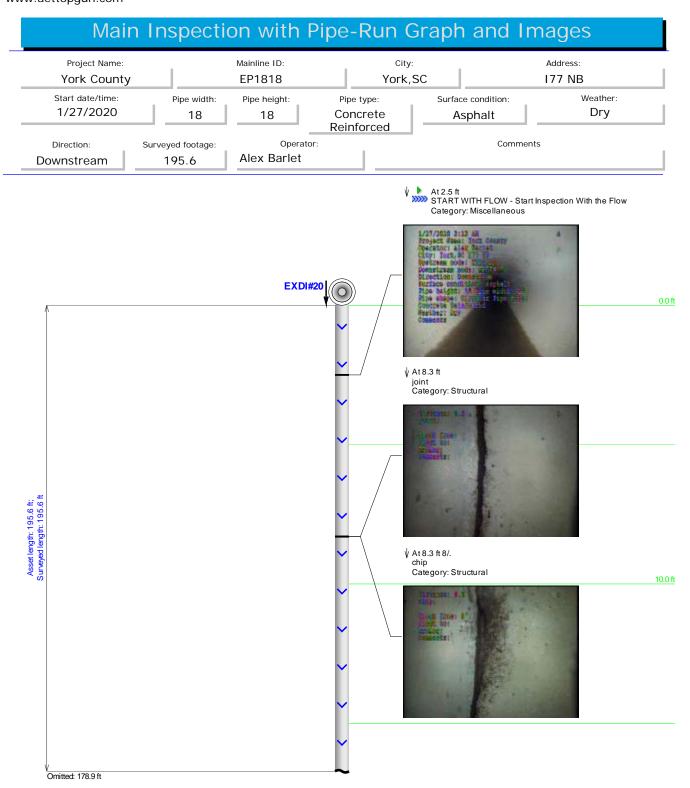


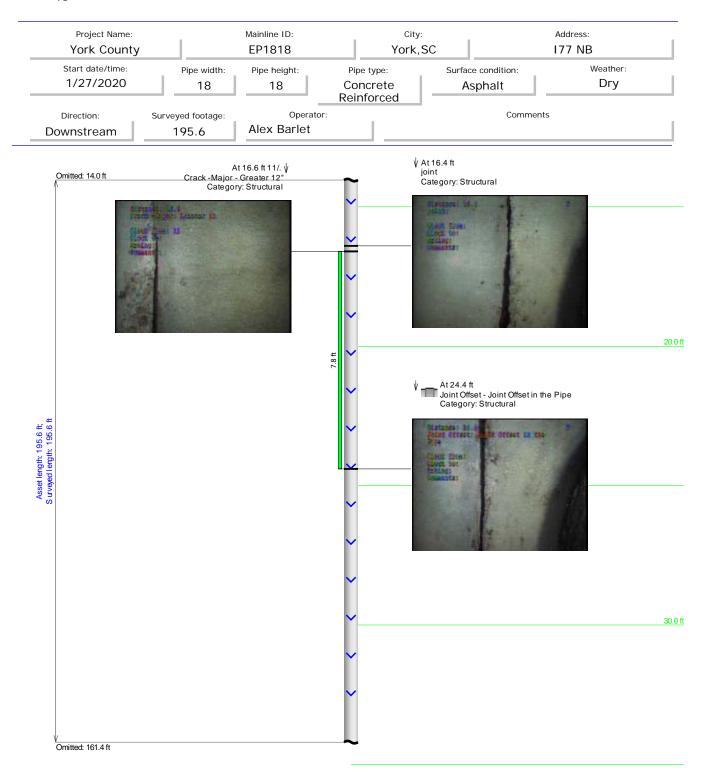


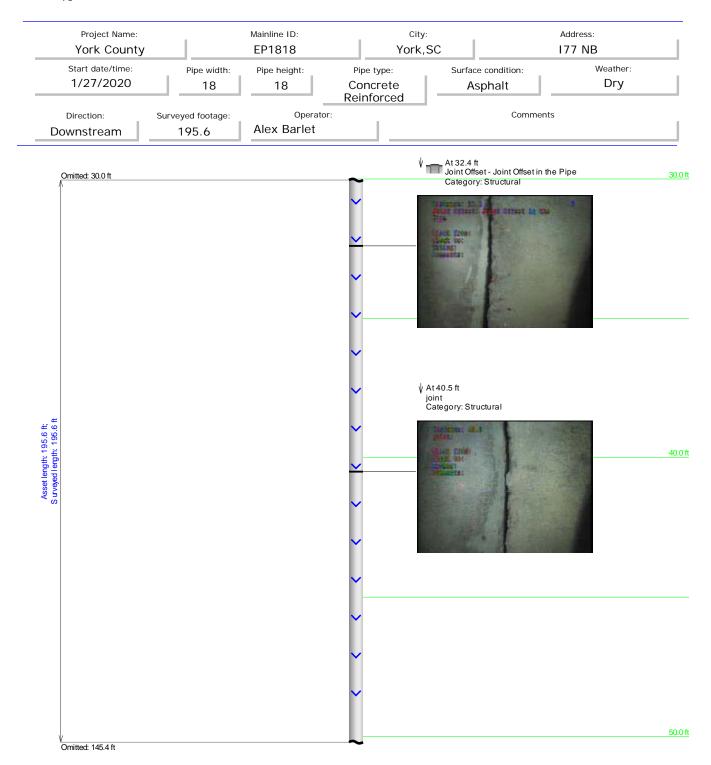


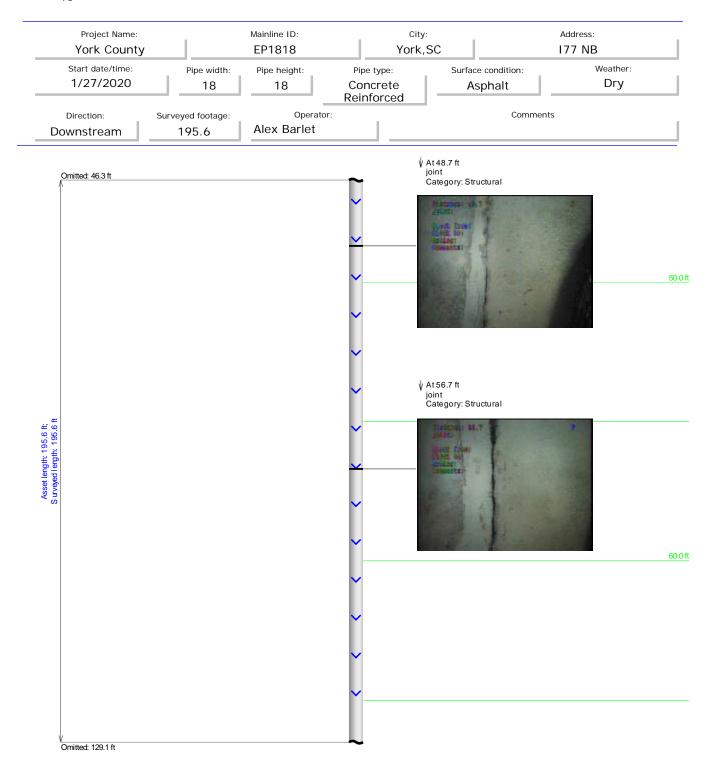


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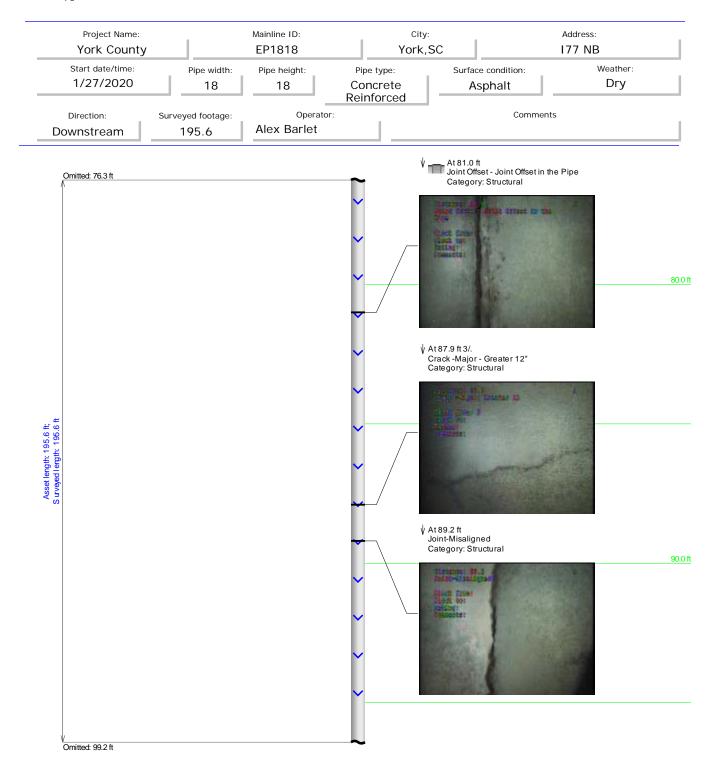


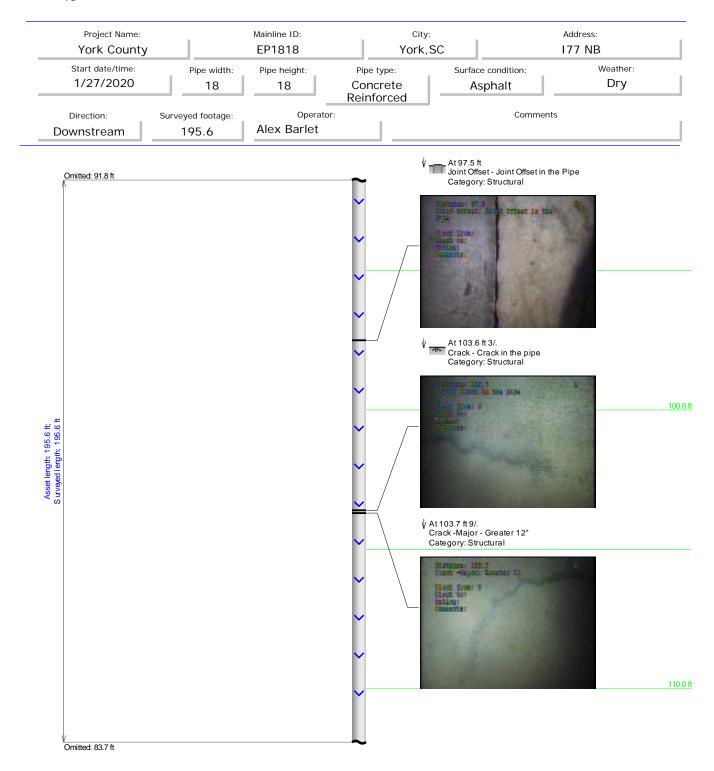


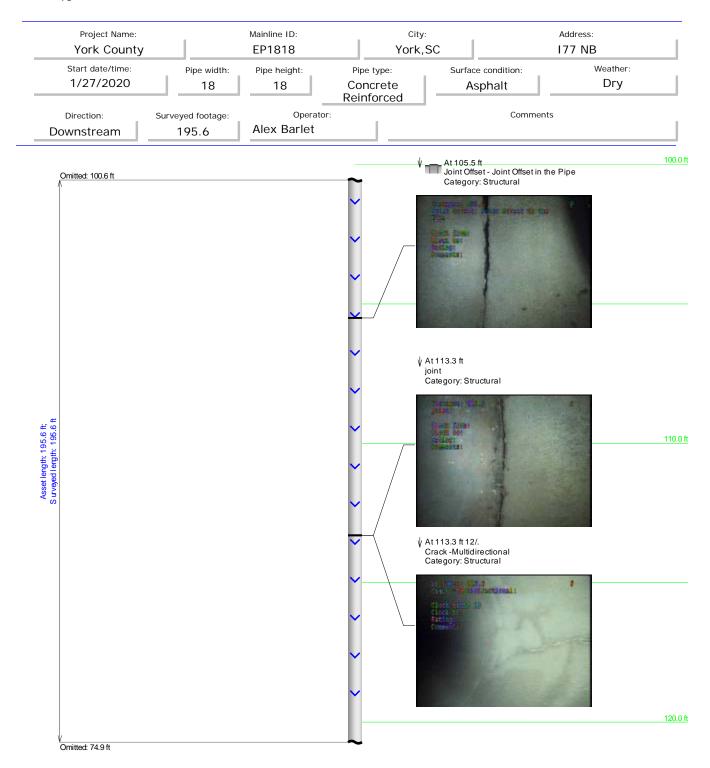


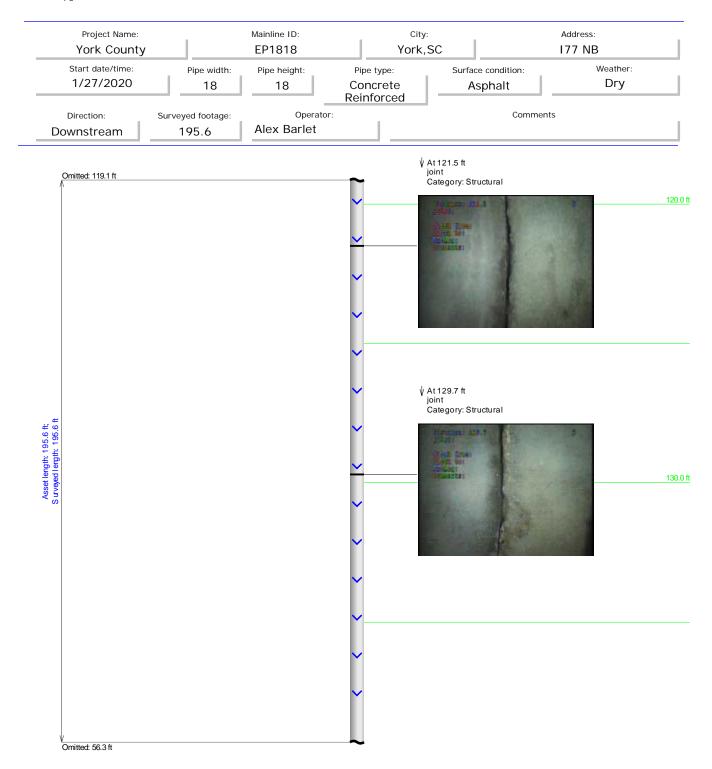


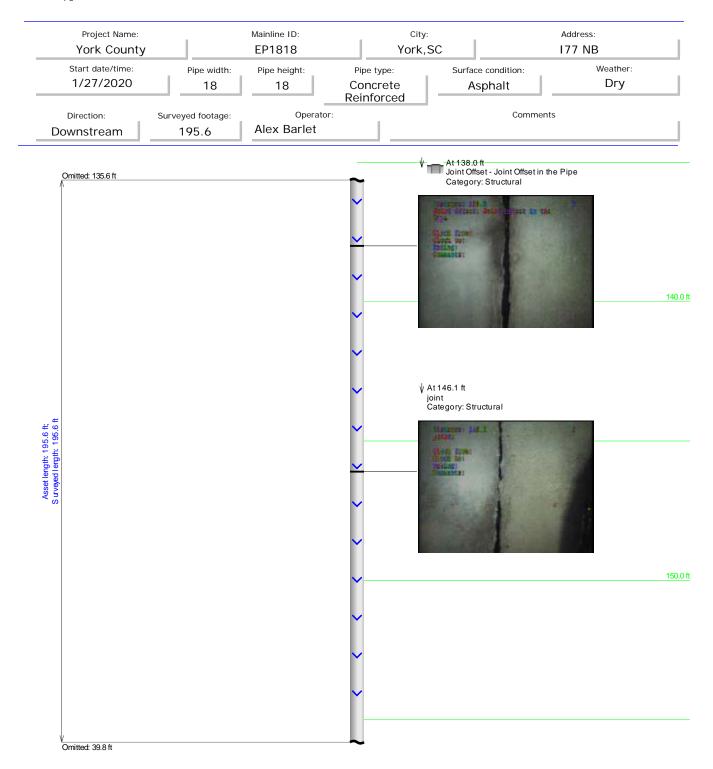


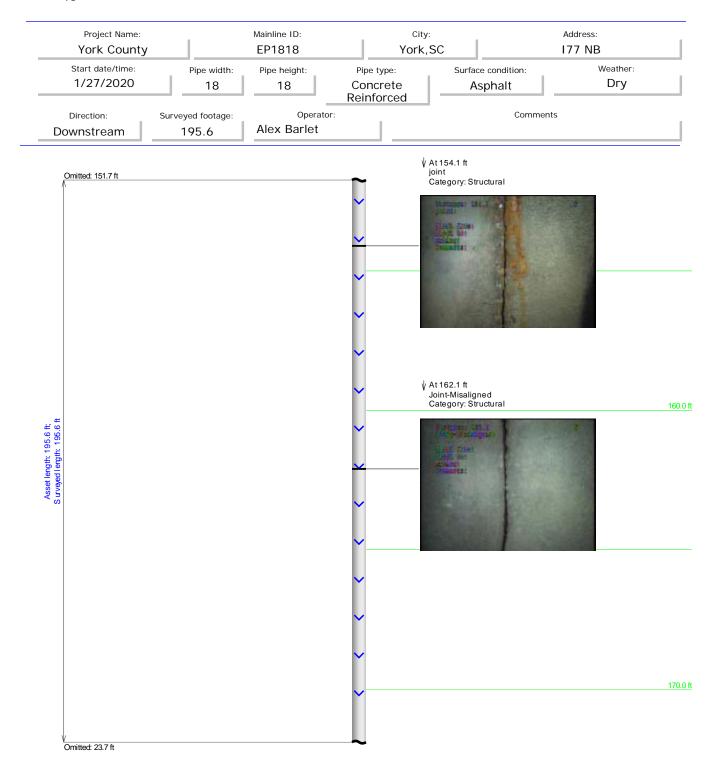


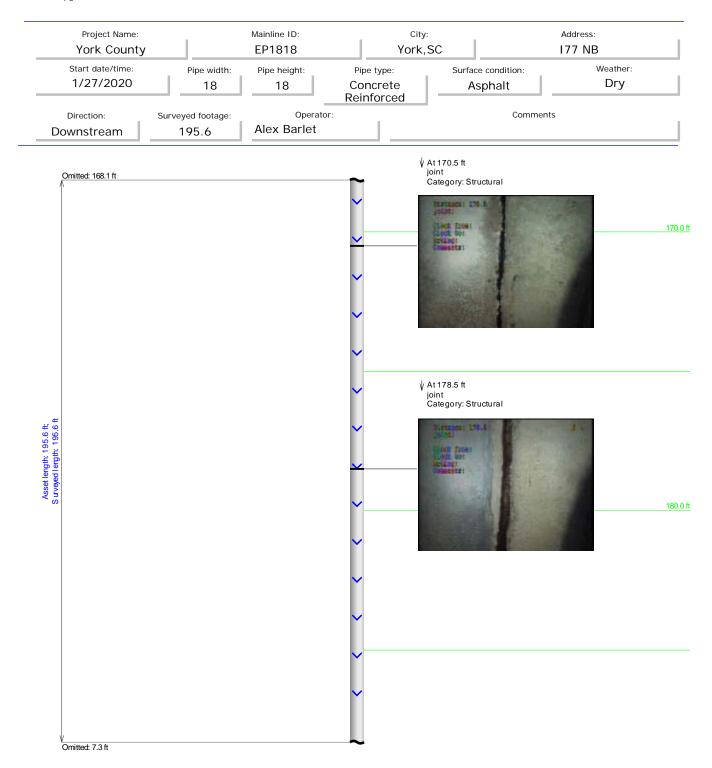






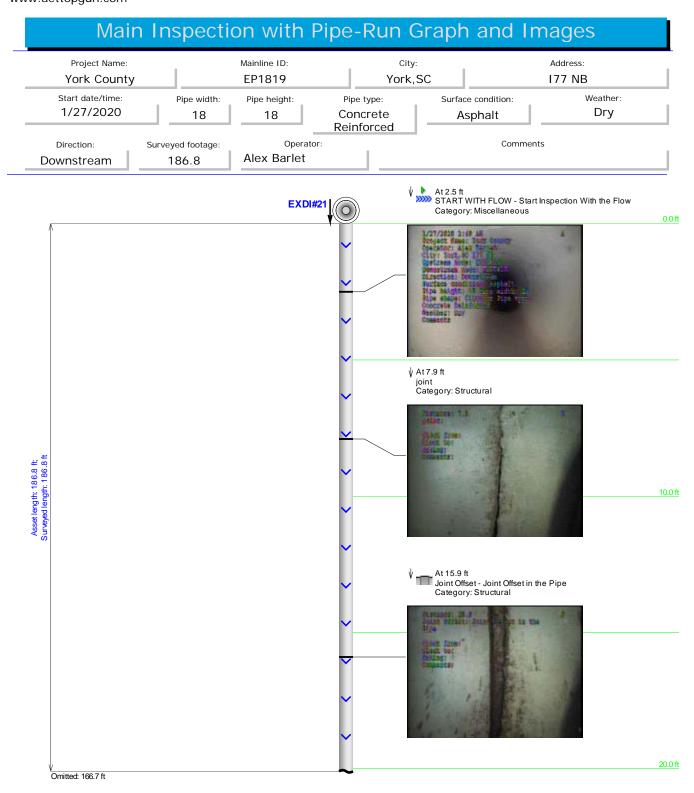


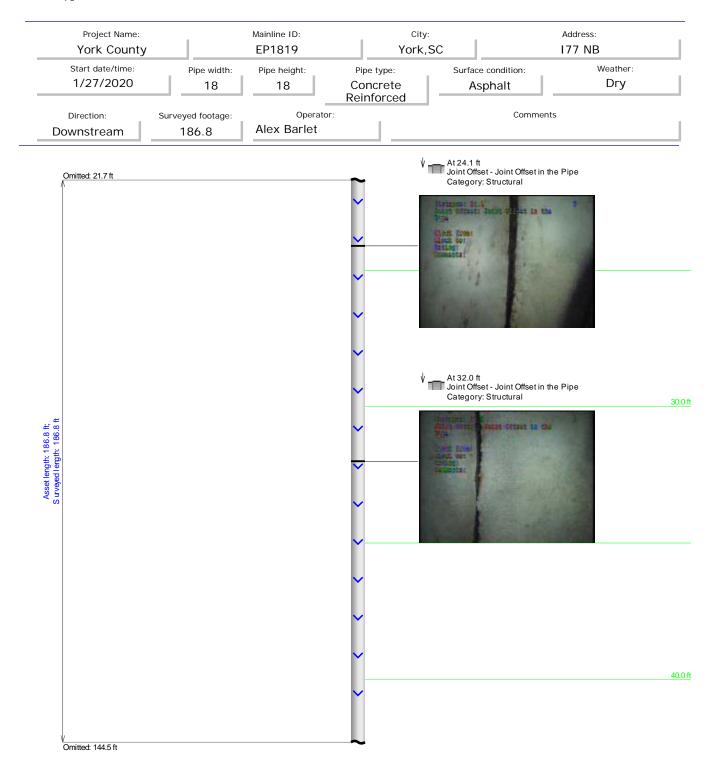


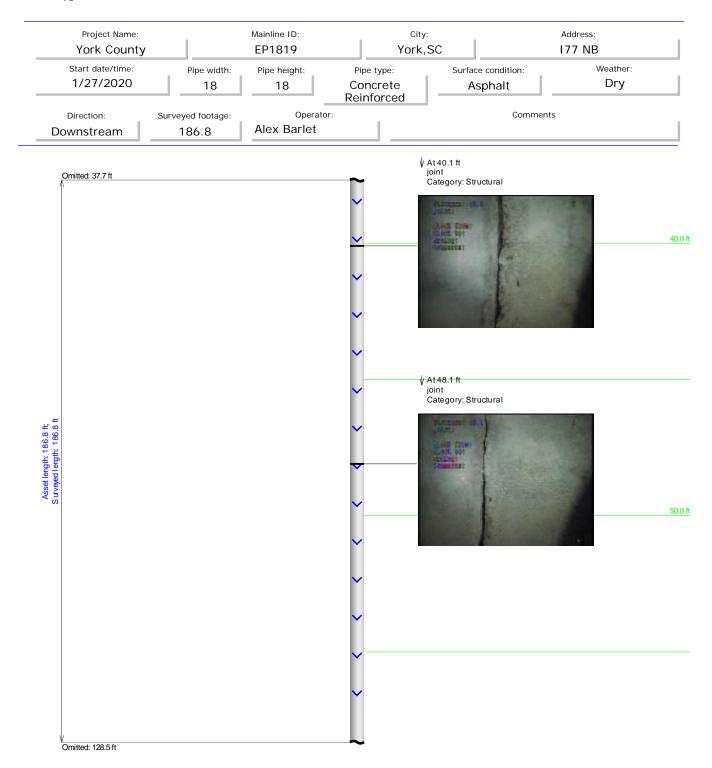


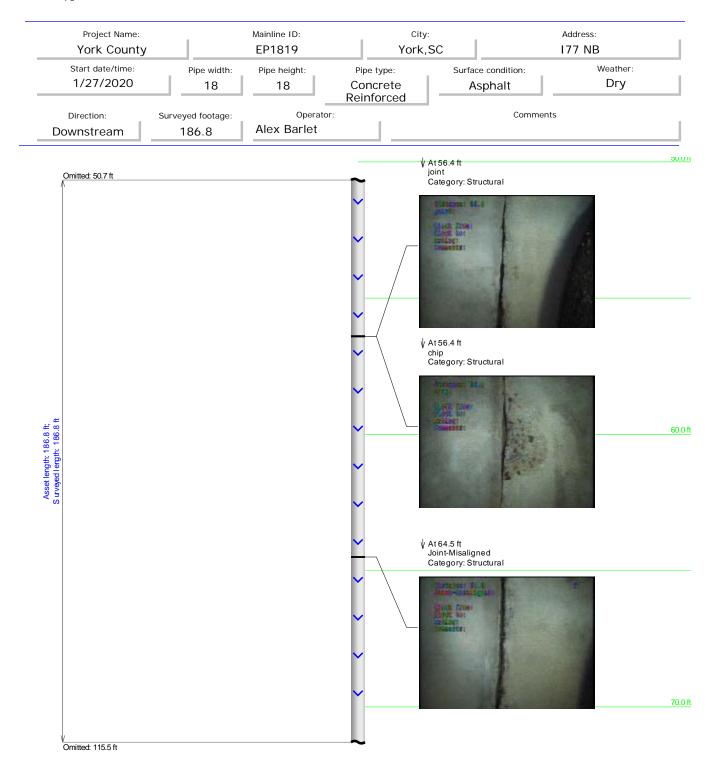


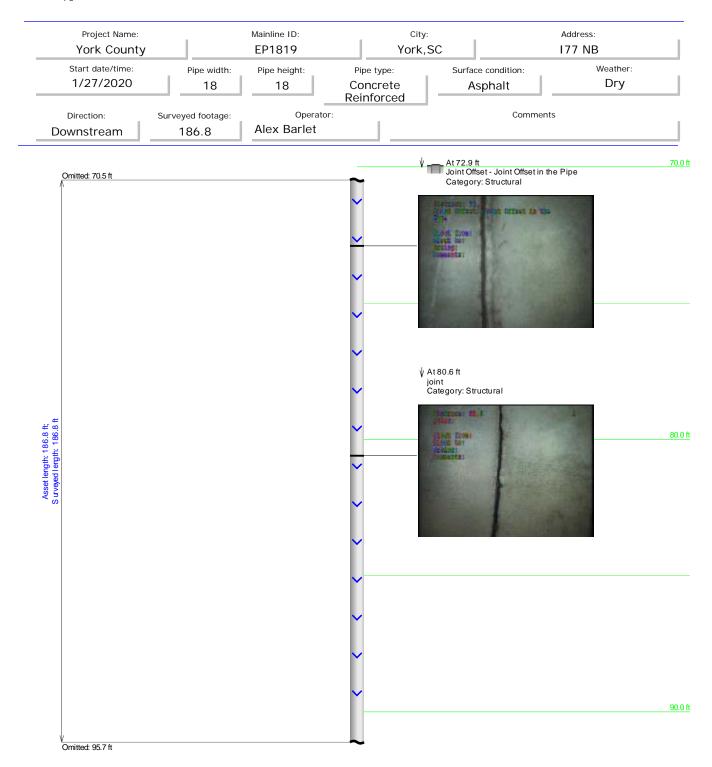
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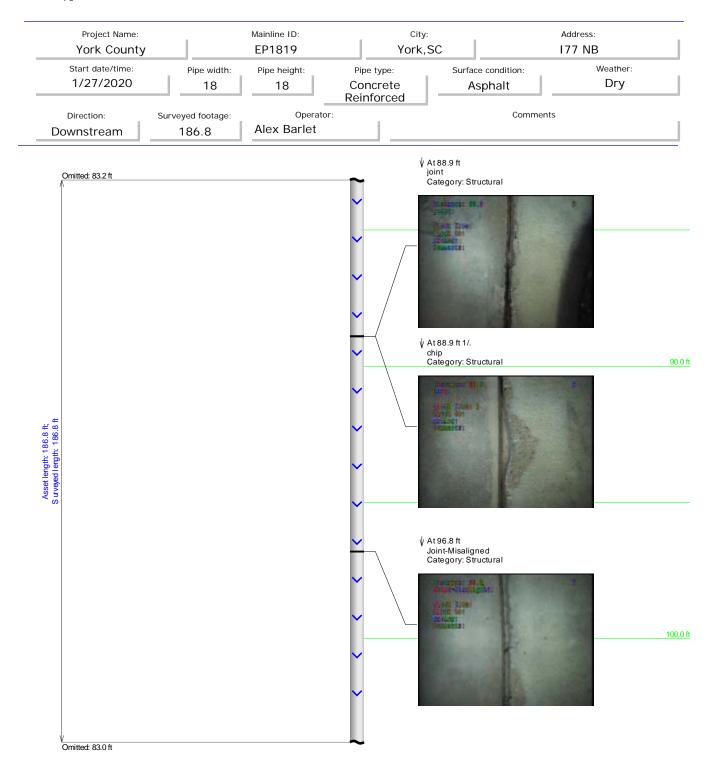


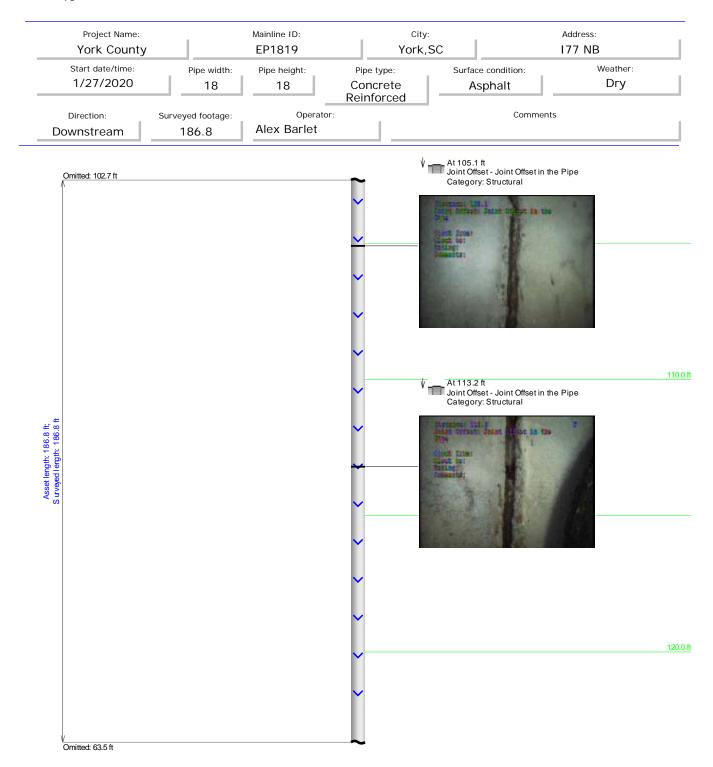


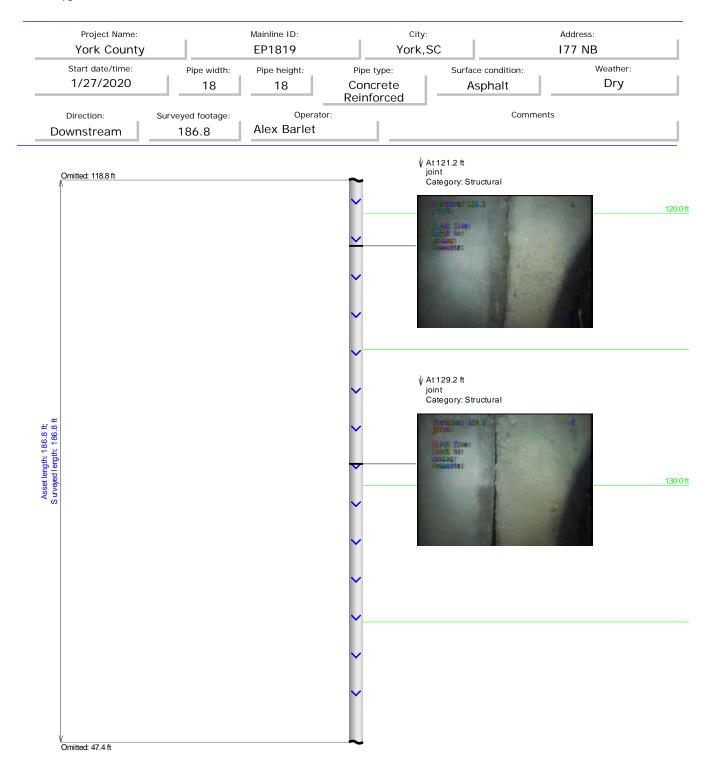


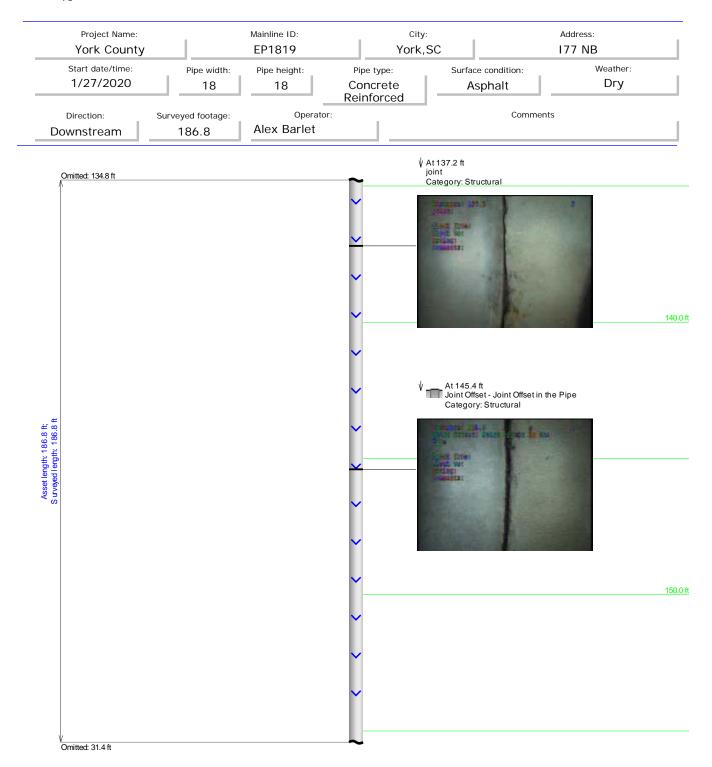


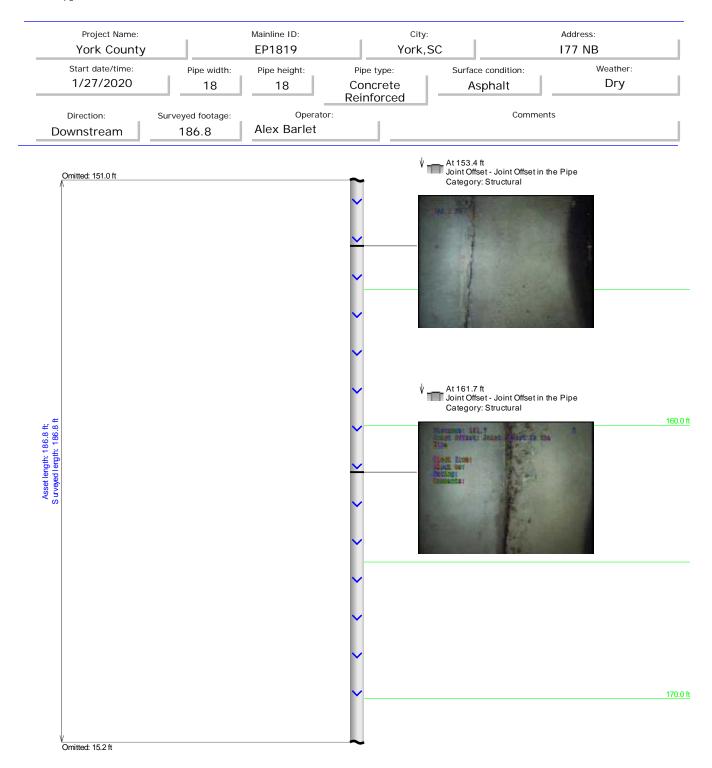


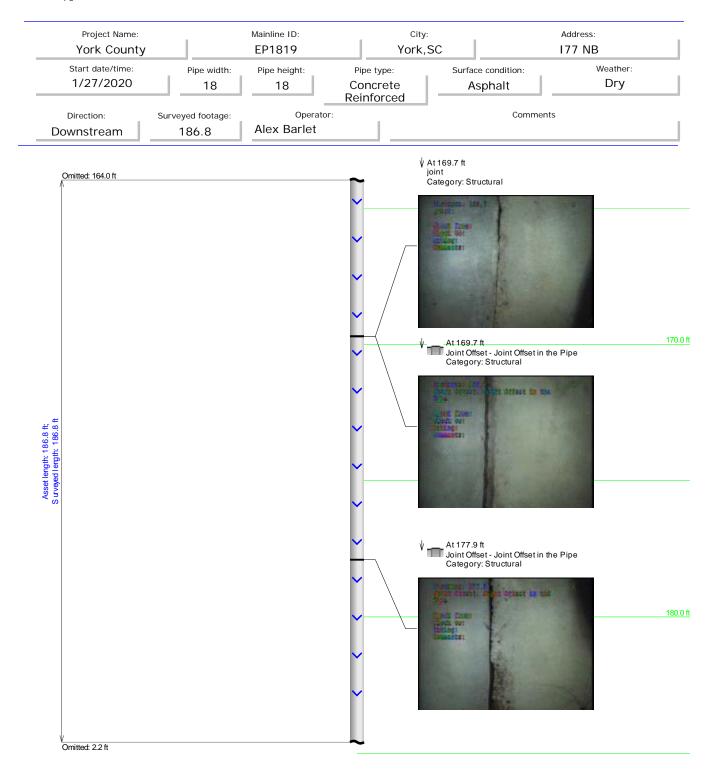






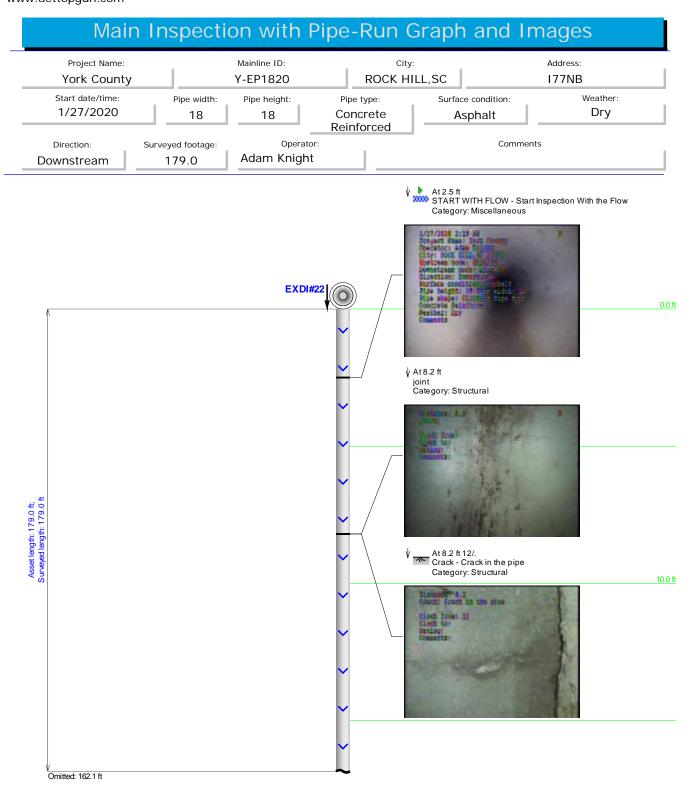


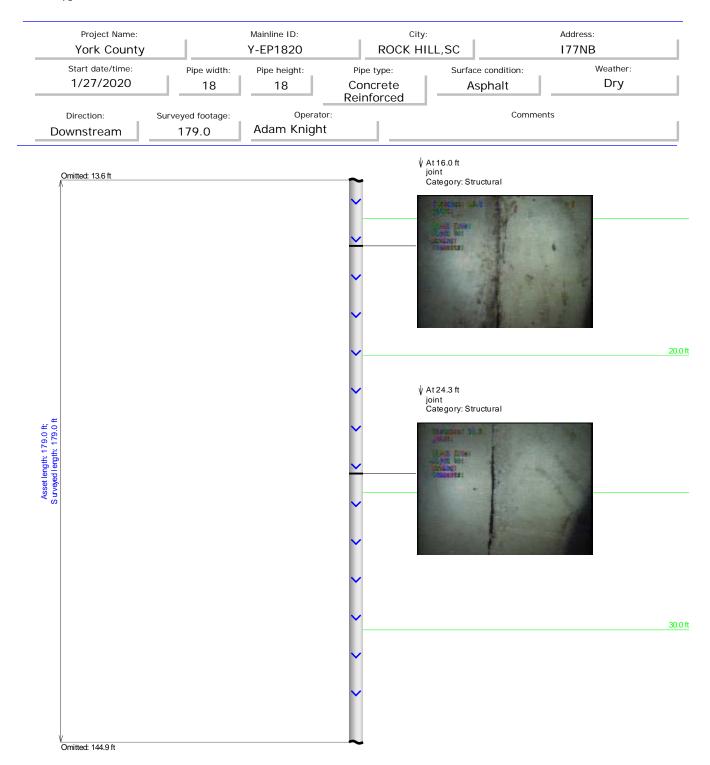




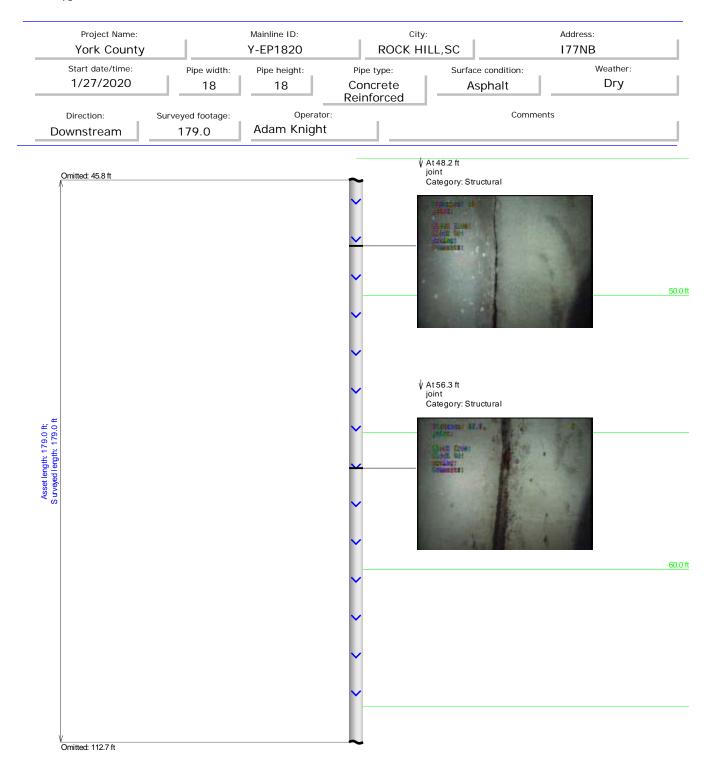


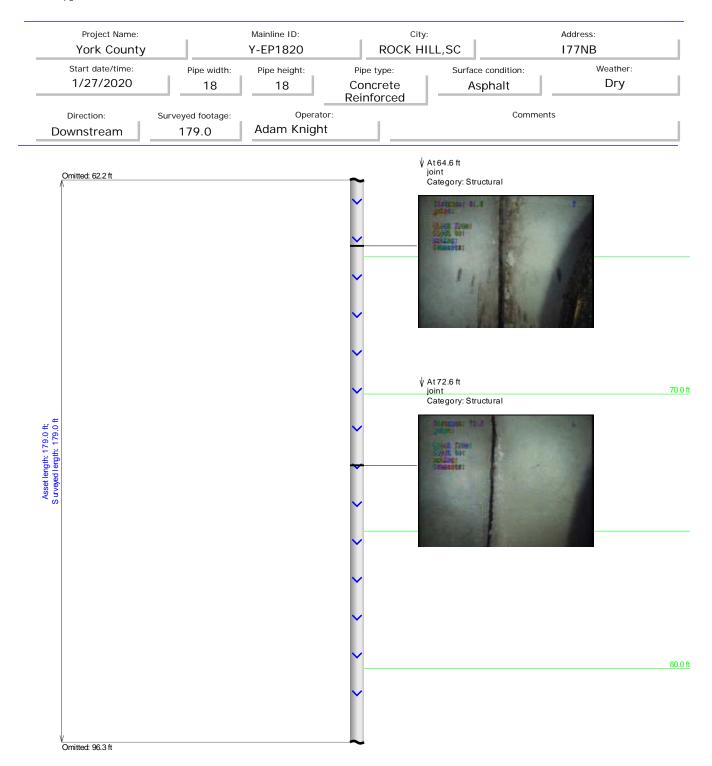
EP-1820

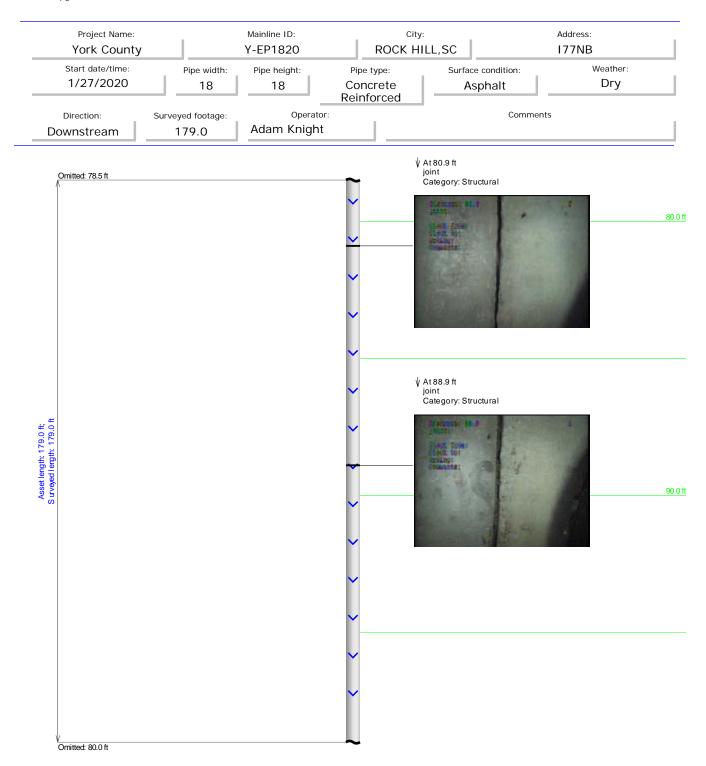




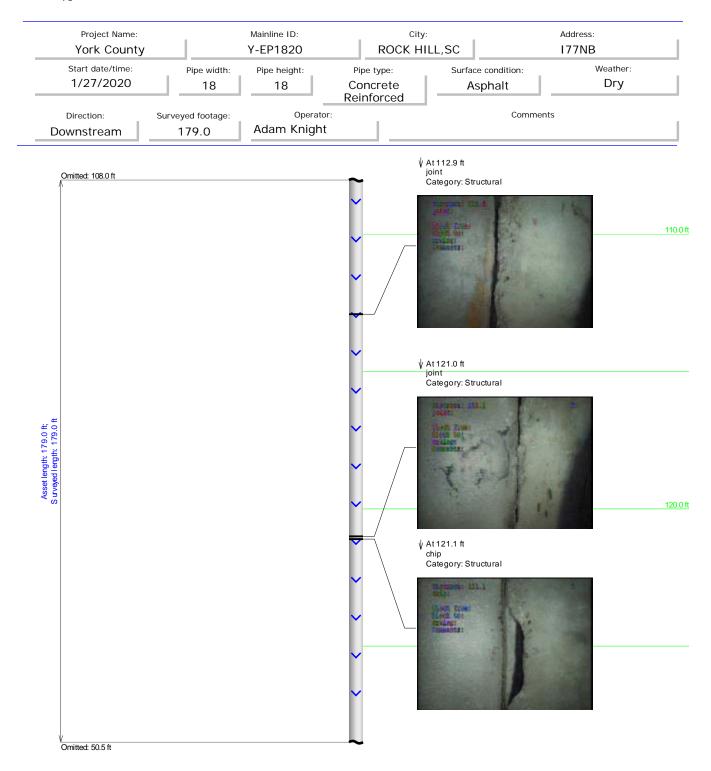


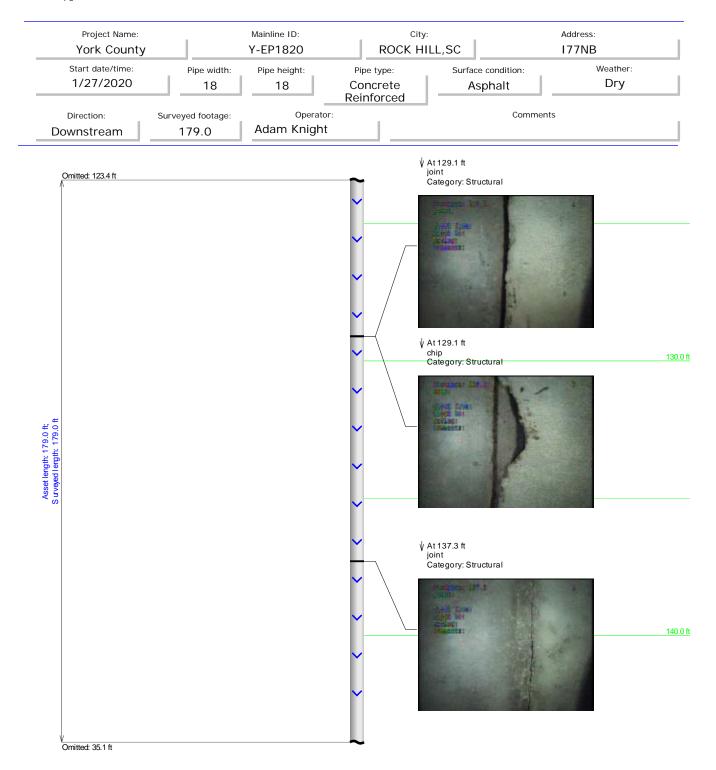


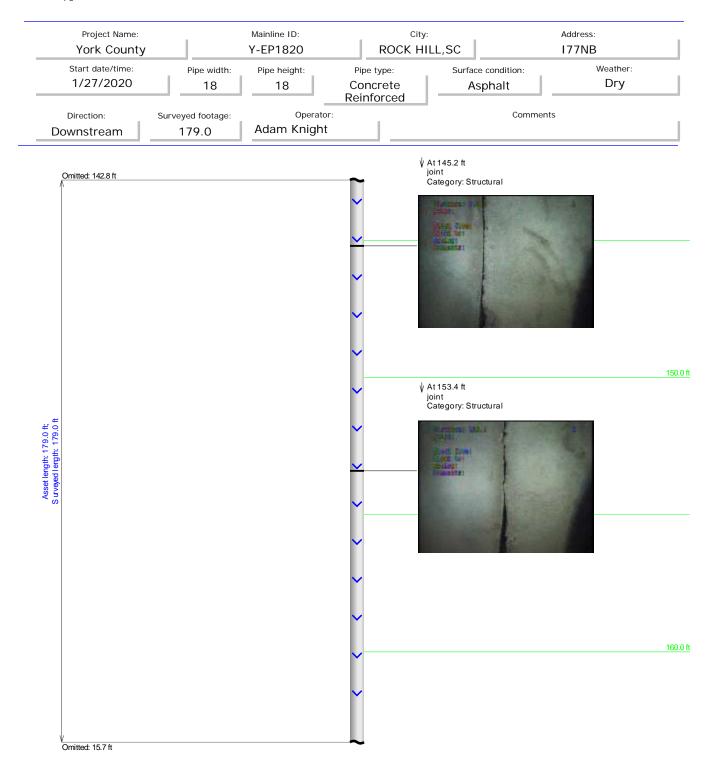


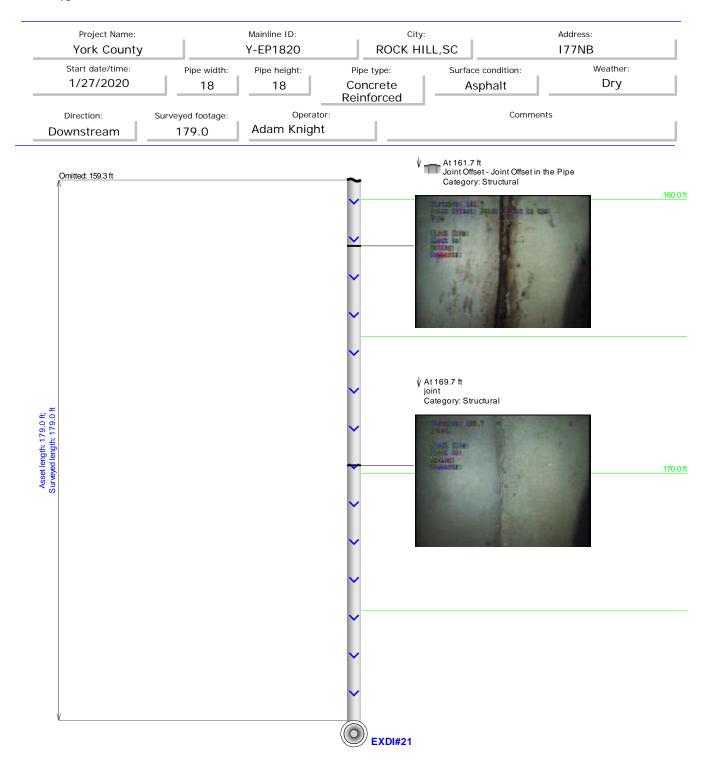


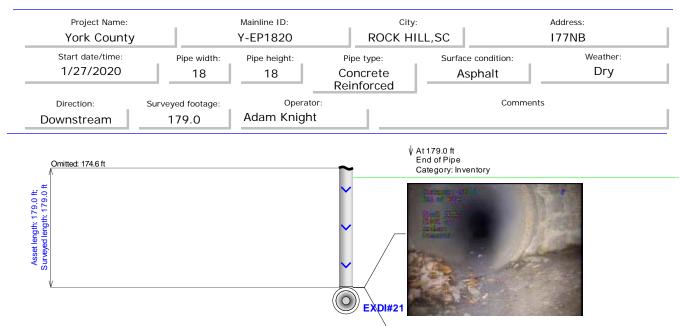




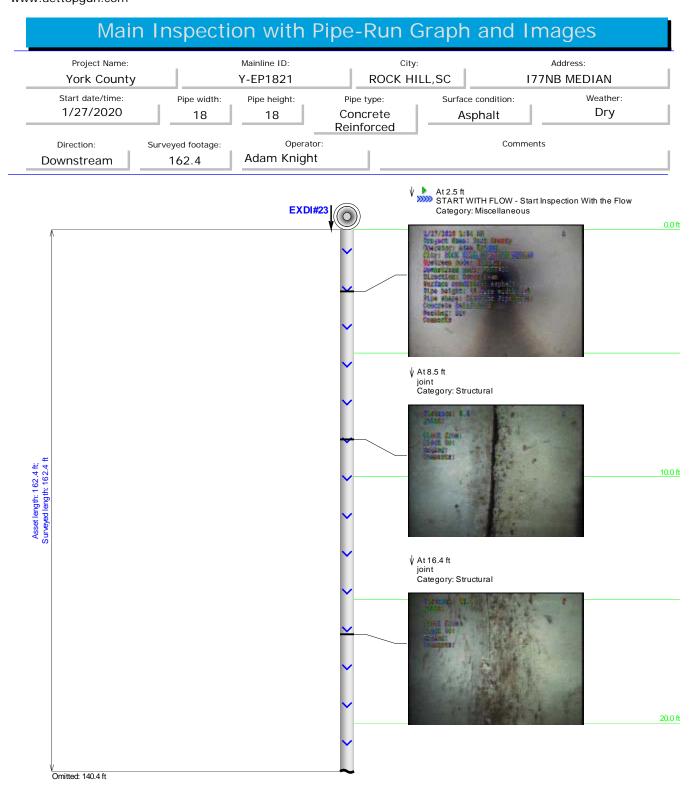


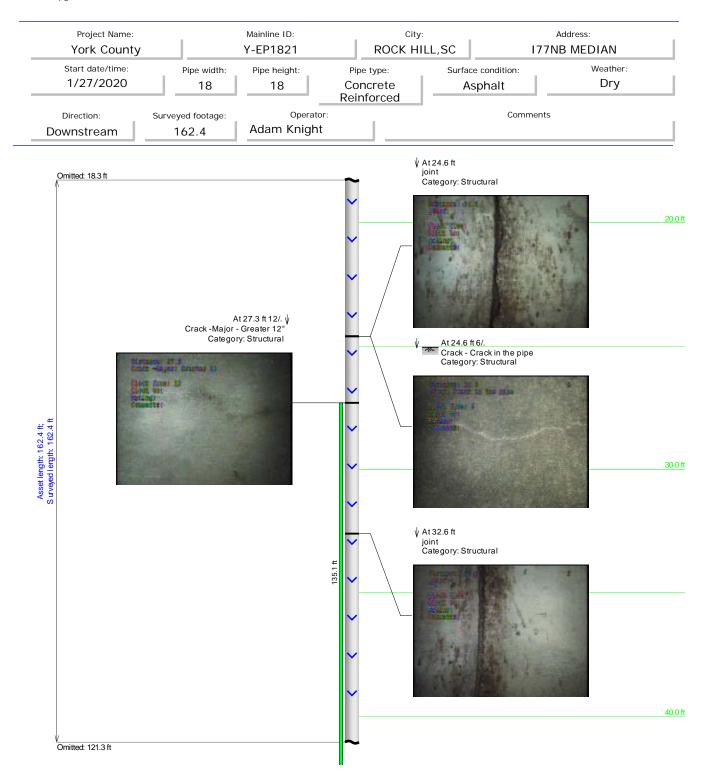


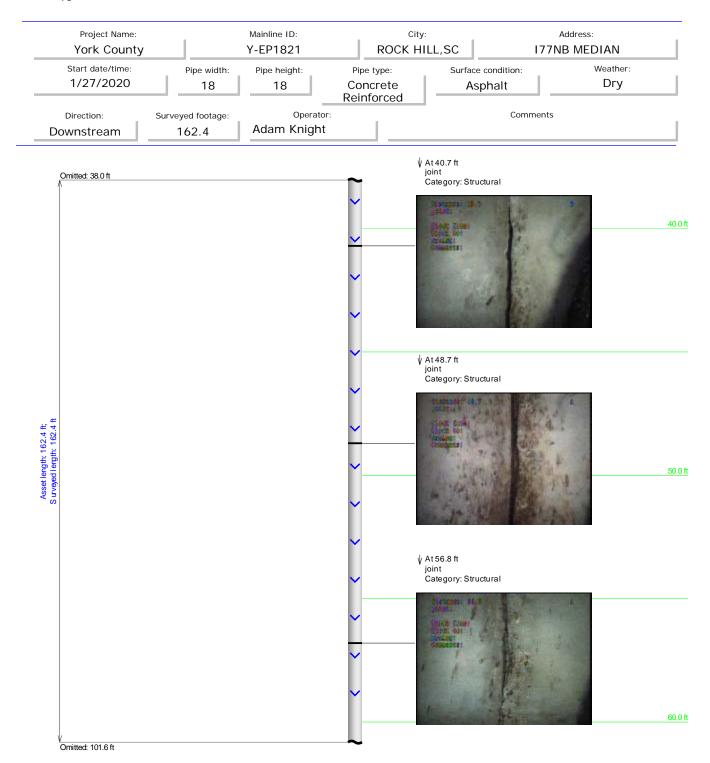


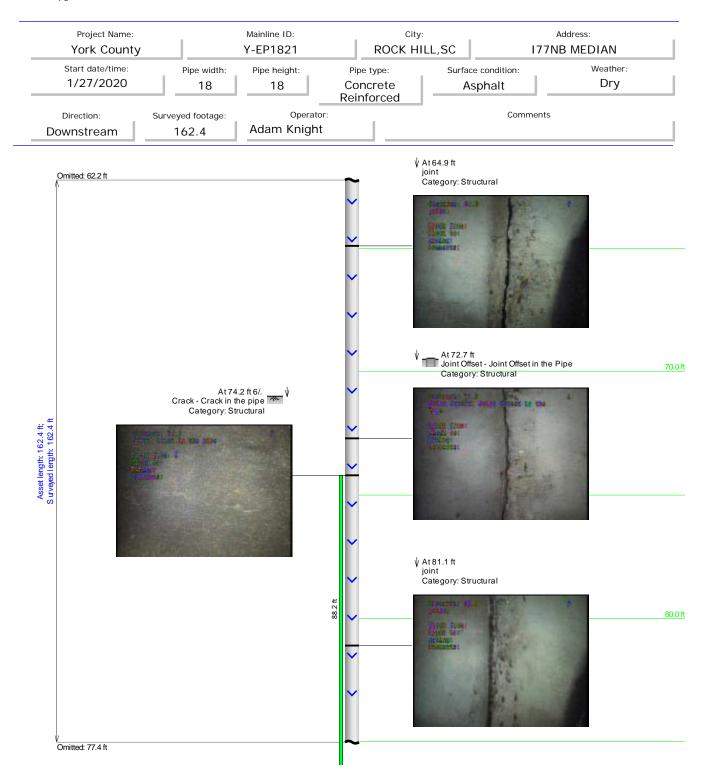


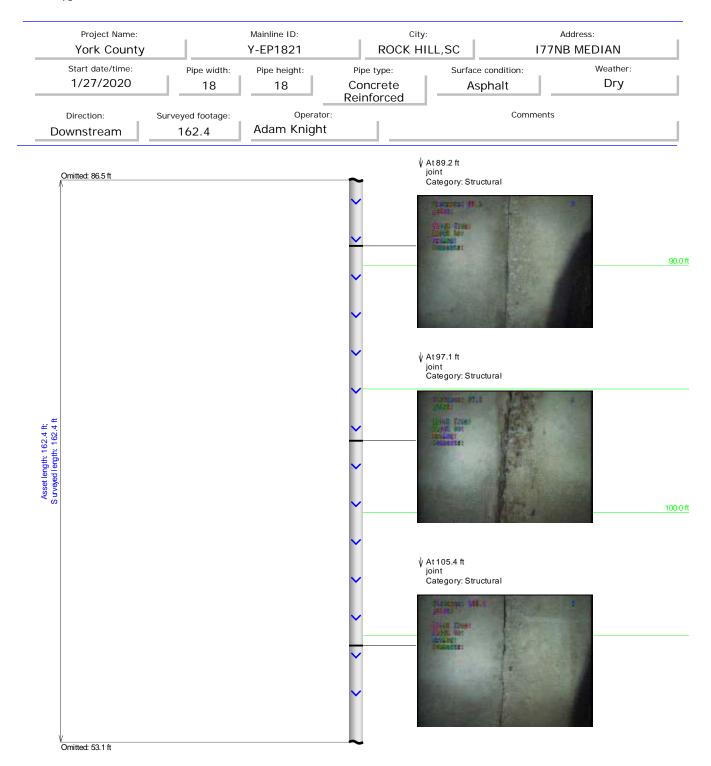
↓ ■ At 179.0 ft STOP - Inspection Stopped Category: Miscellaneous

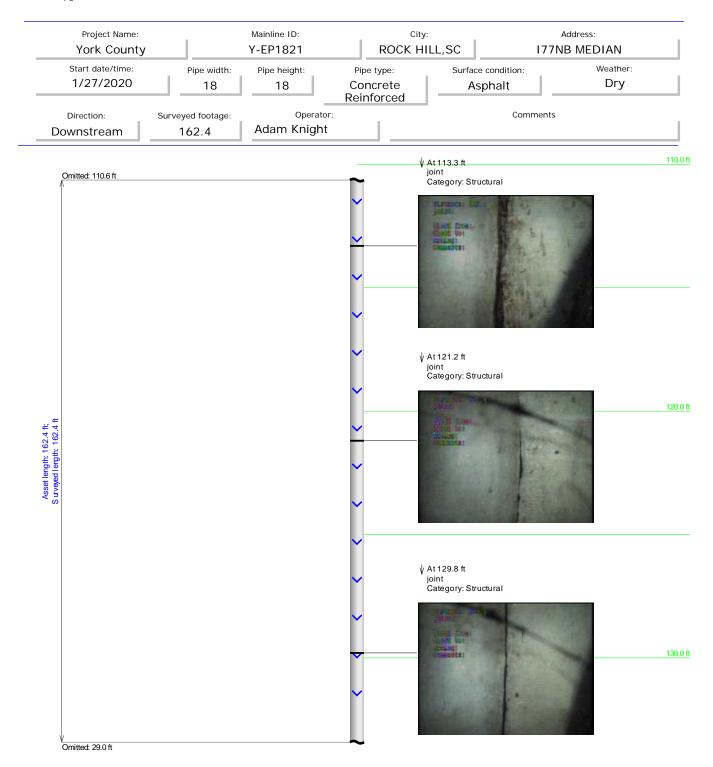




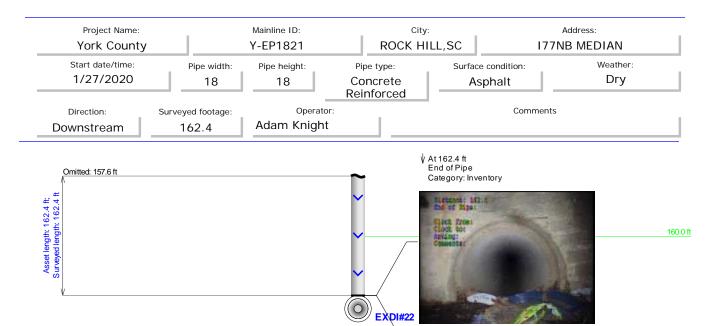




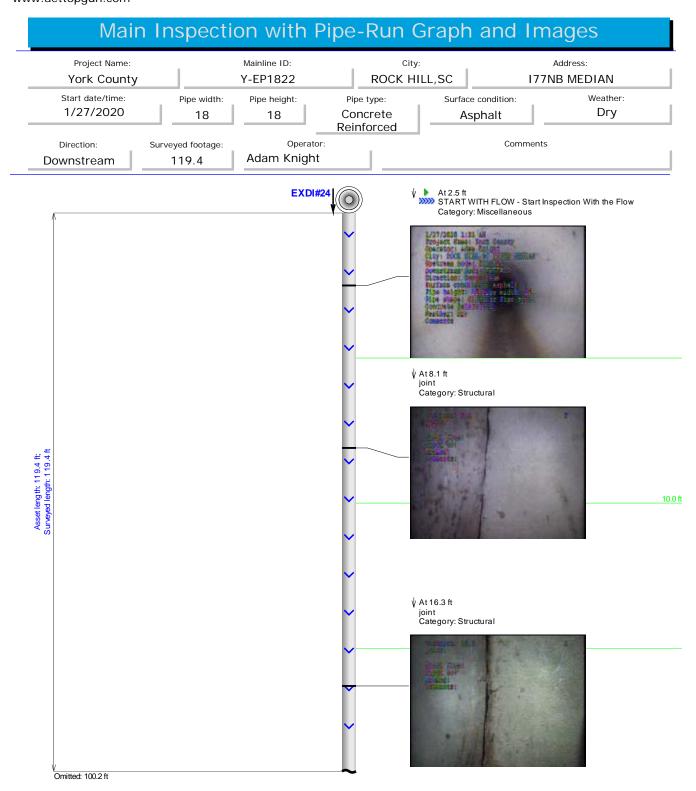


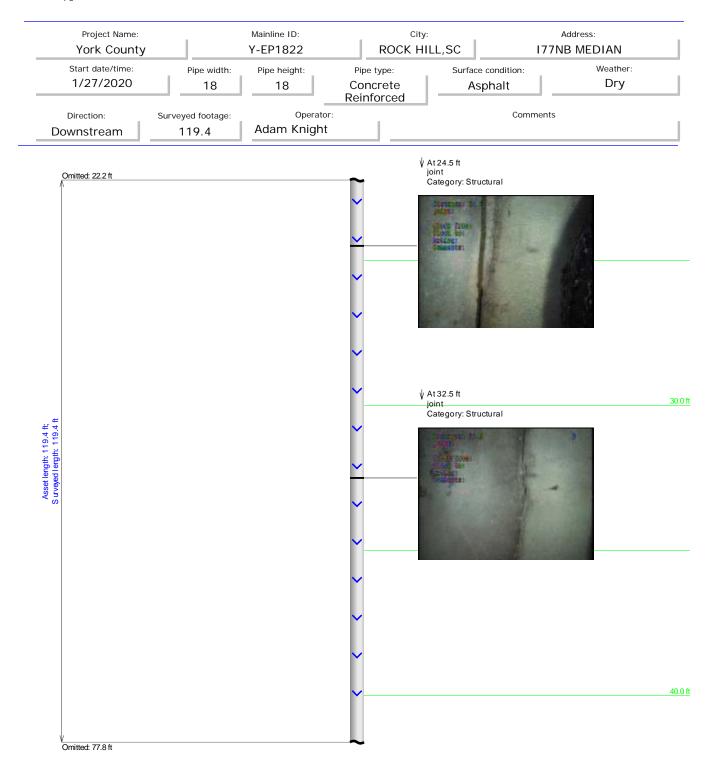


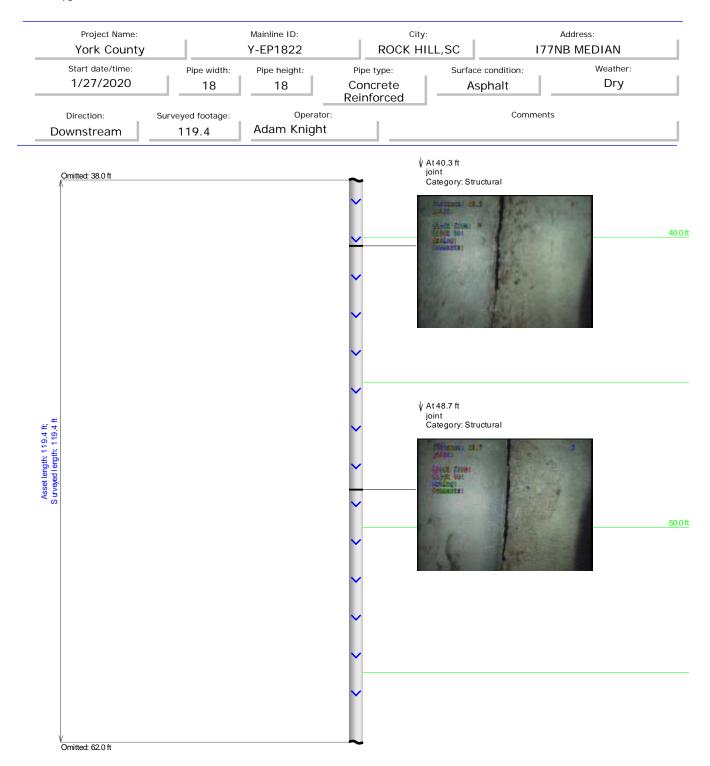




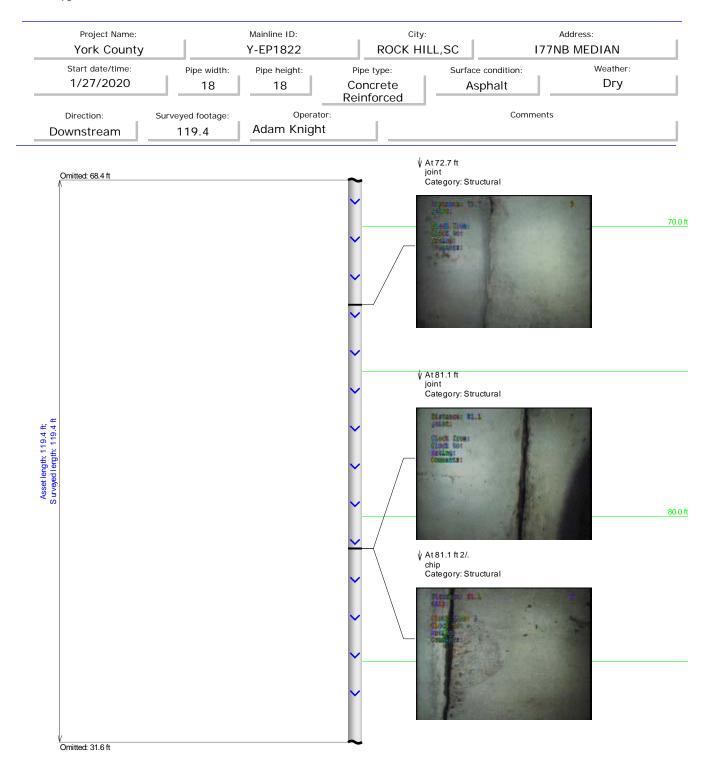
↓ ■ At 162.4 ft STOP - Inspection Stopped Category: Miscellaneous

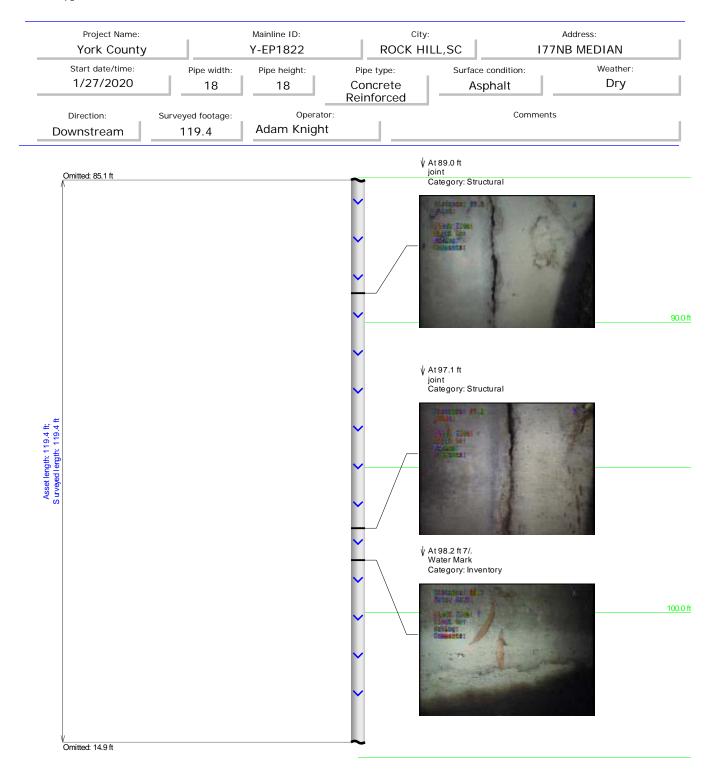


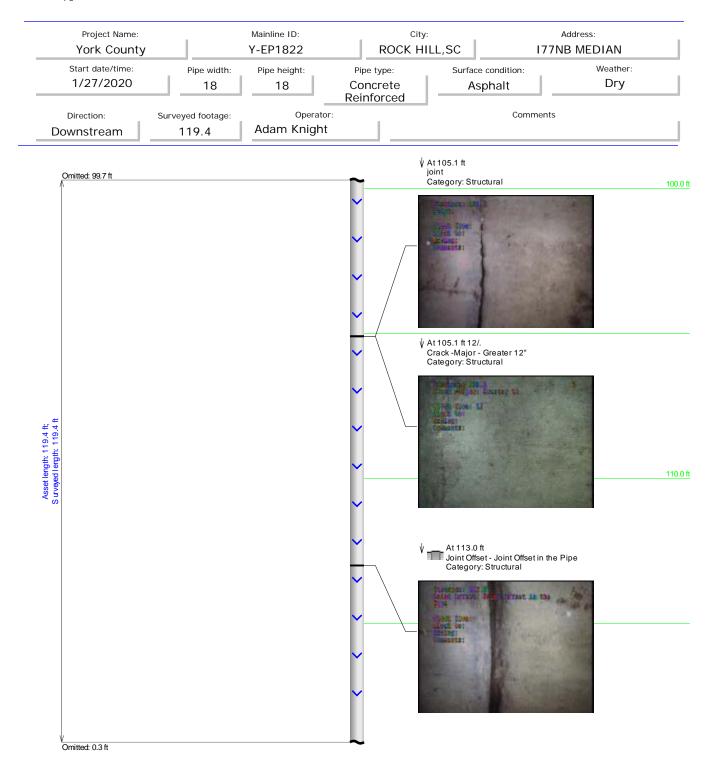


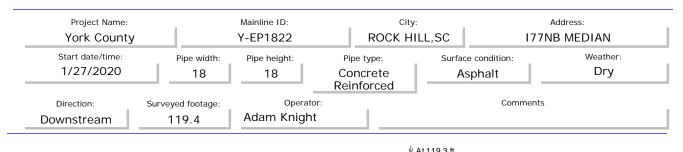


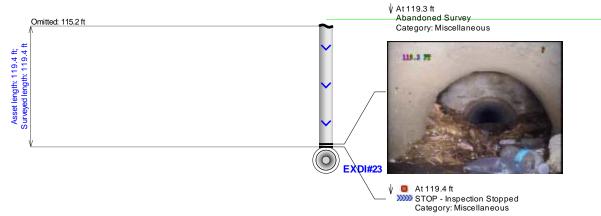


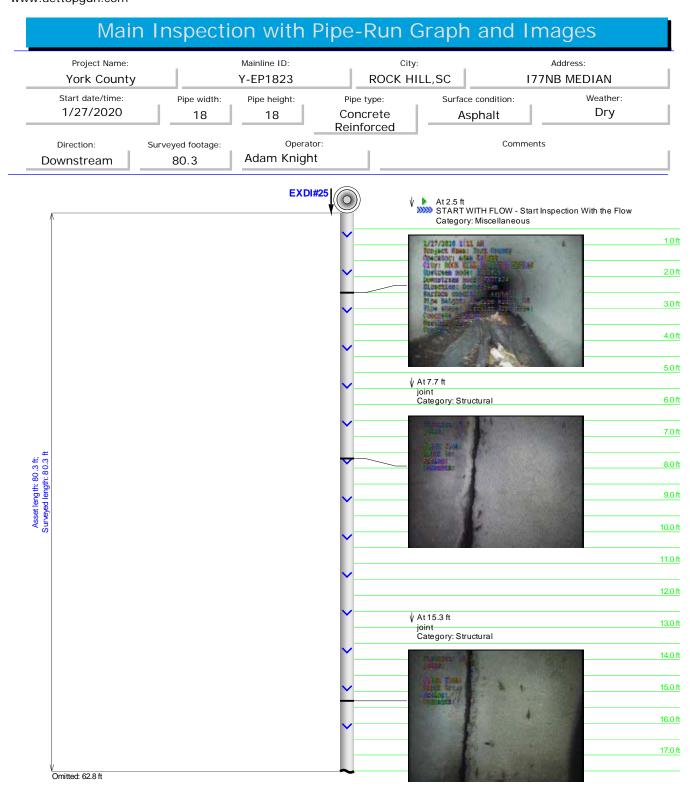


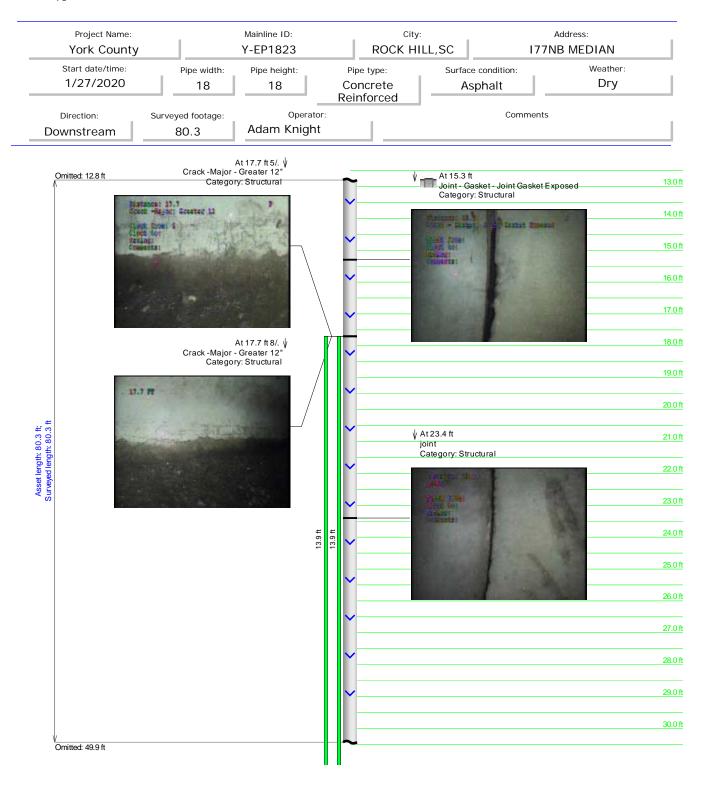


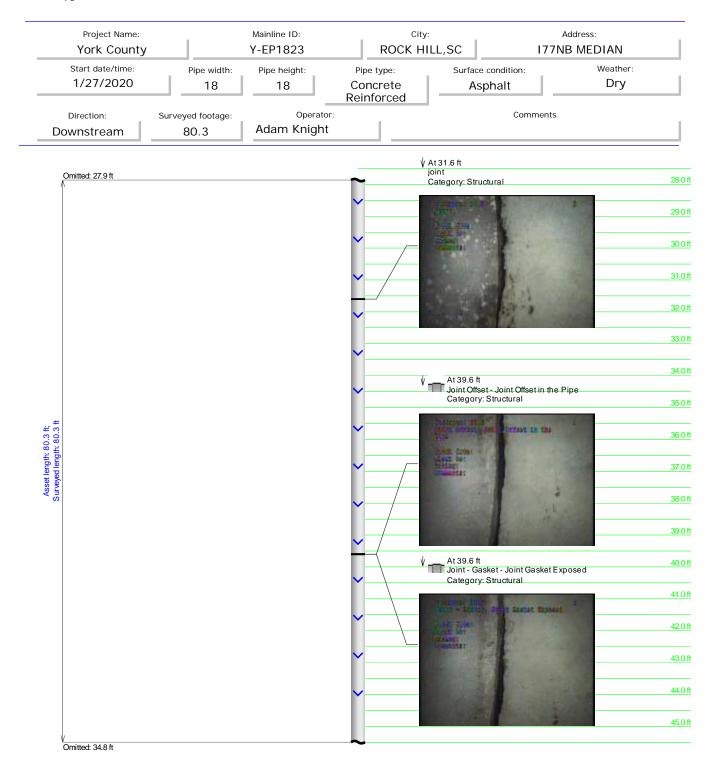




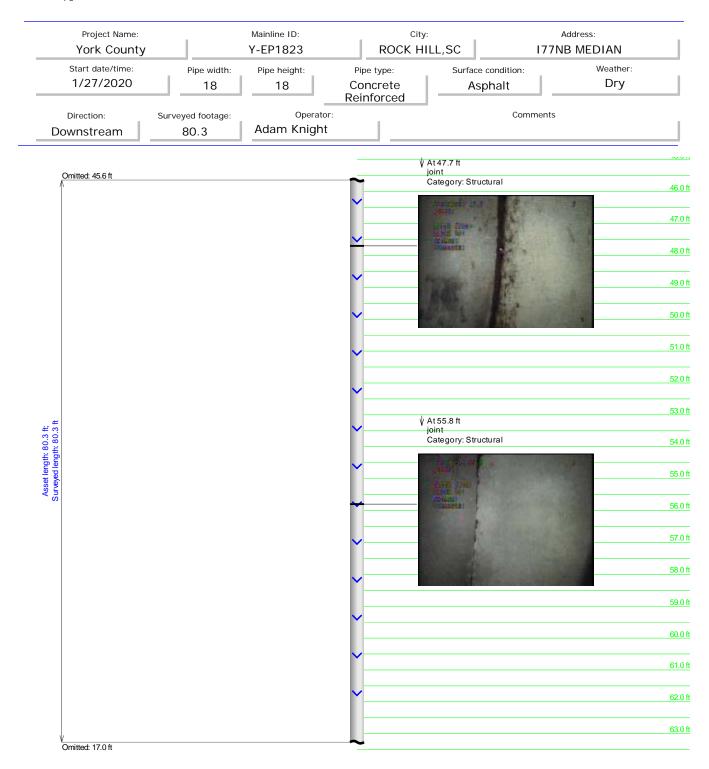






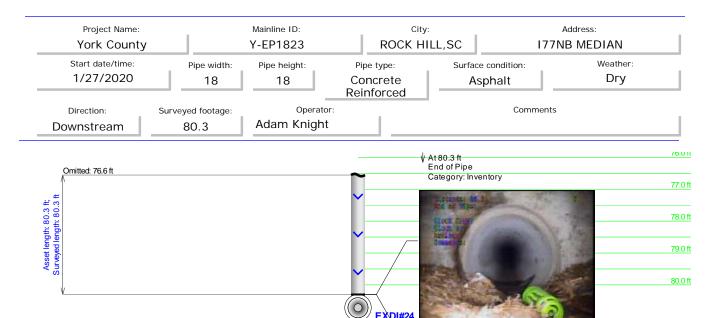


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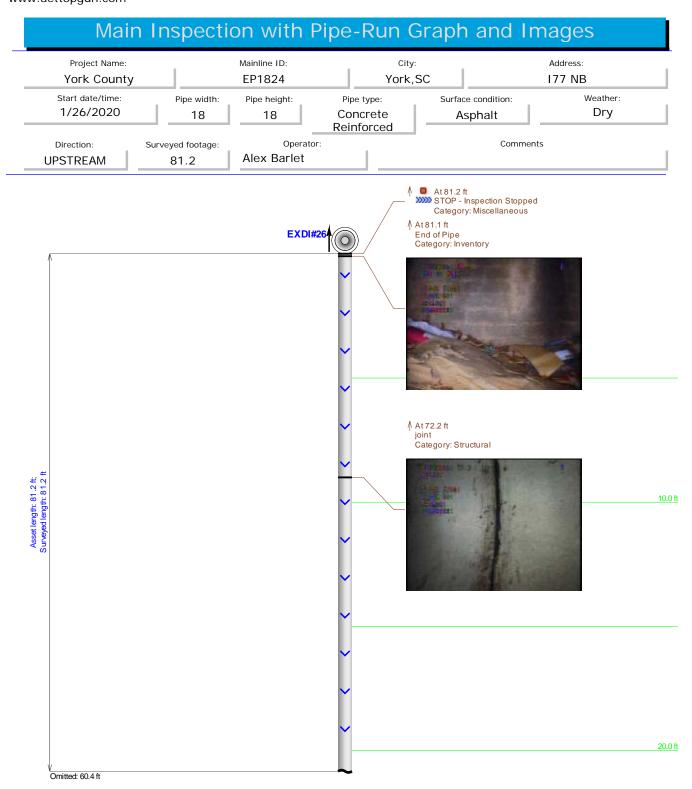


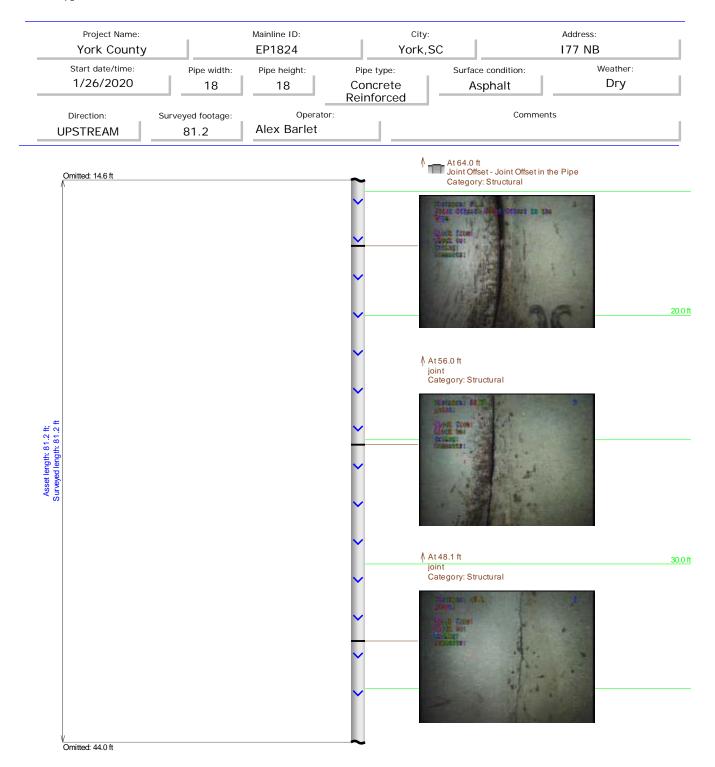
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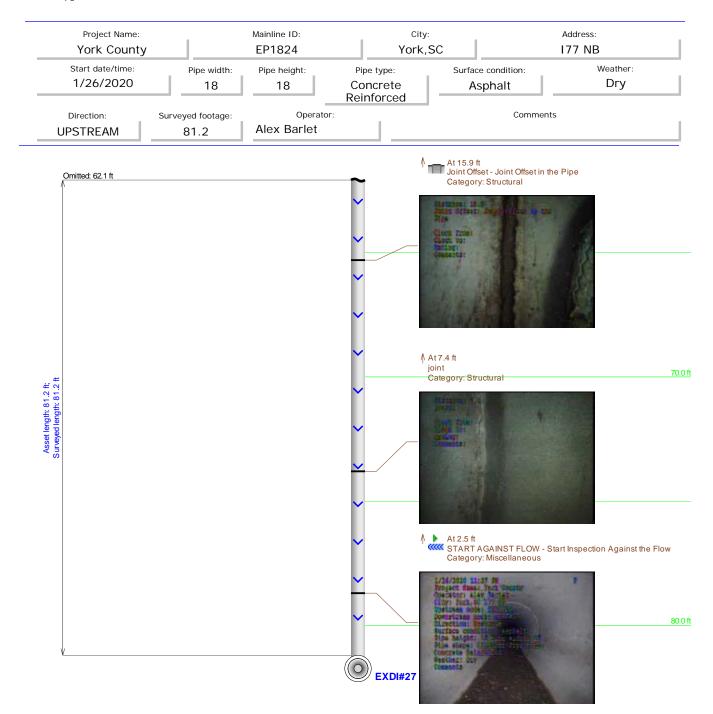
EXDI#24

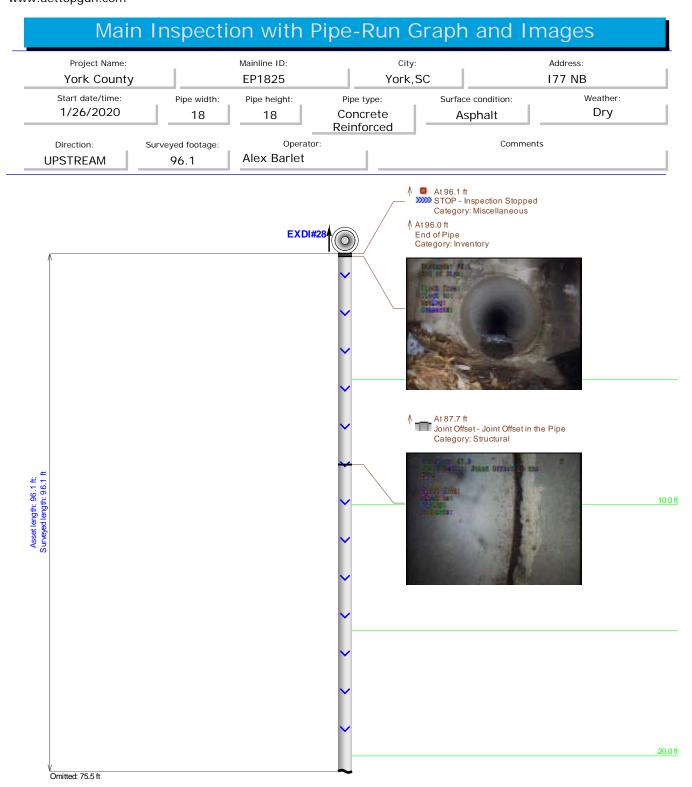
↓ ■ At 80.3 ft >>>>> STOP - Inspection Stopped Category: Miscellaneous











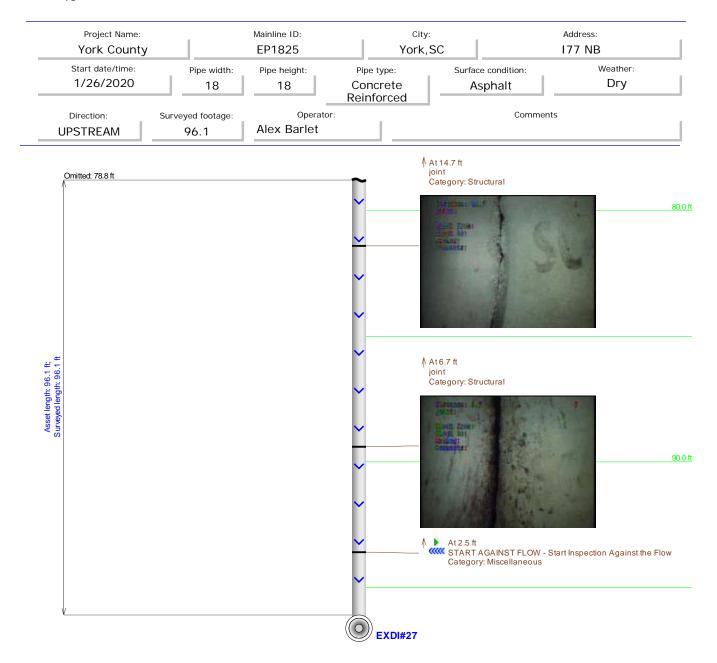


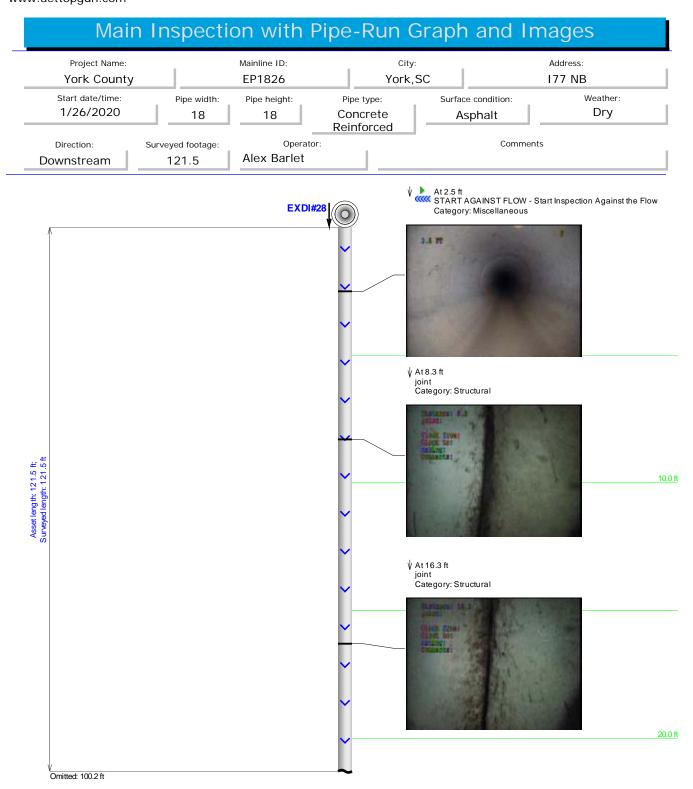


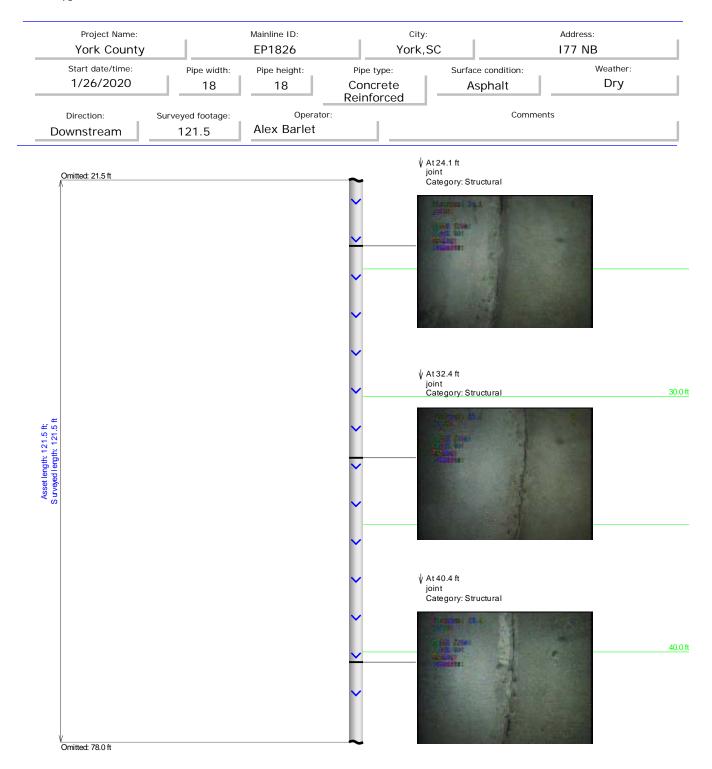


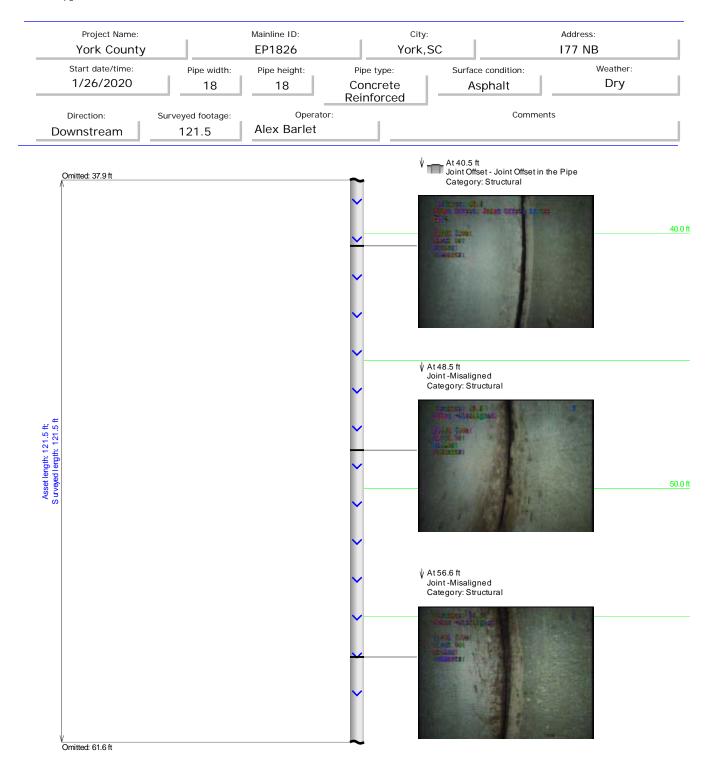
of

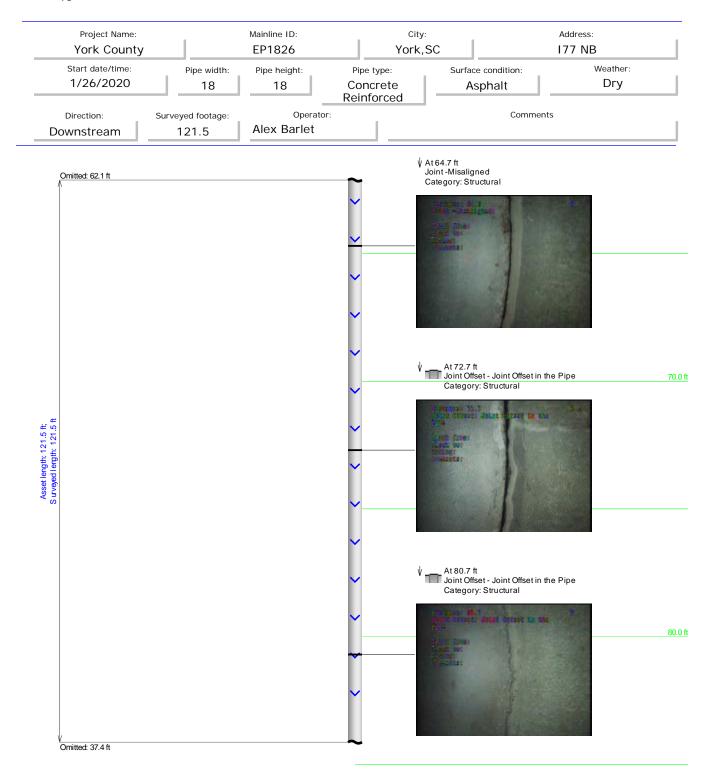
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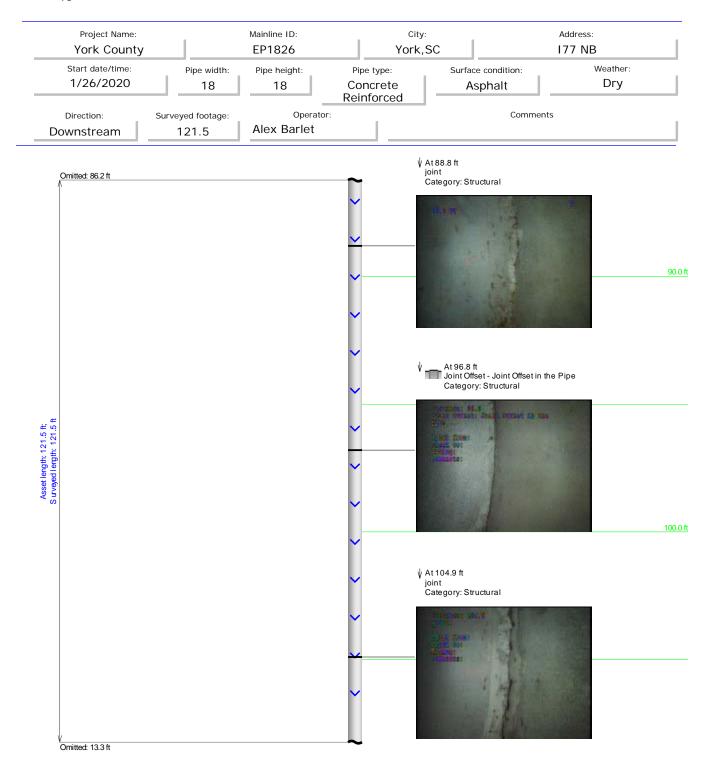




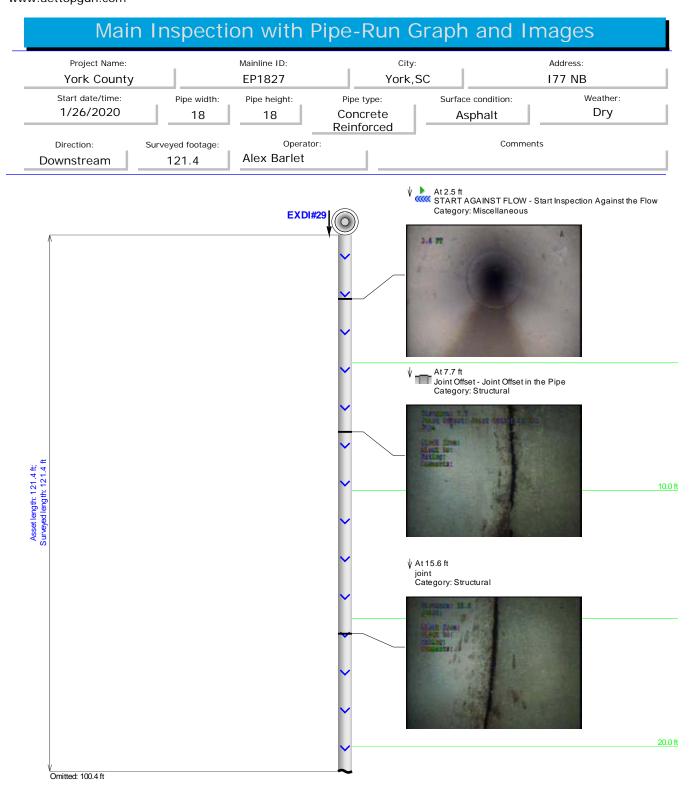


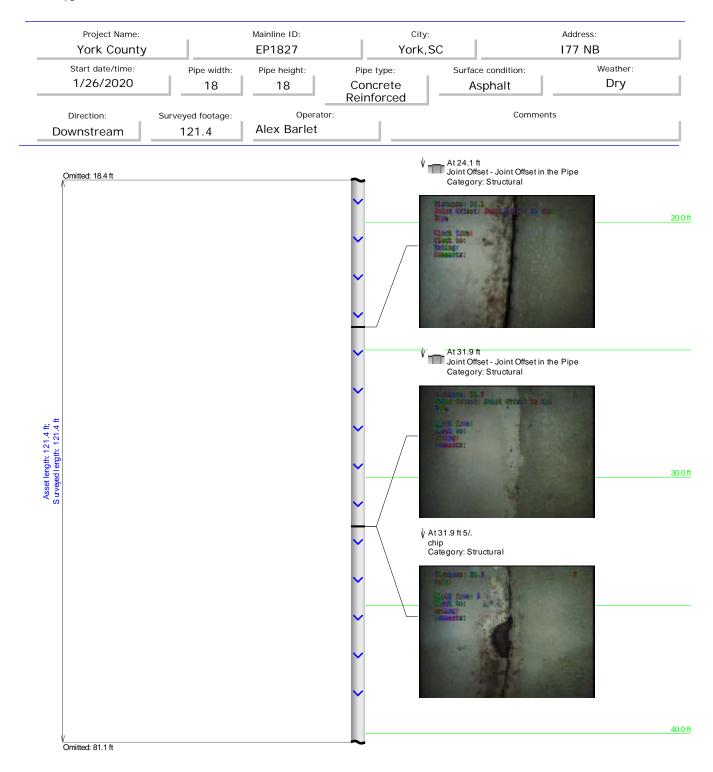


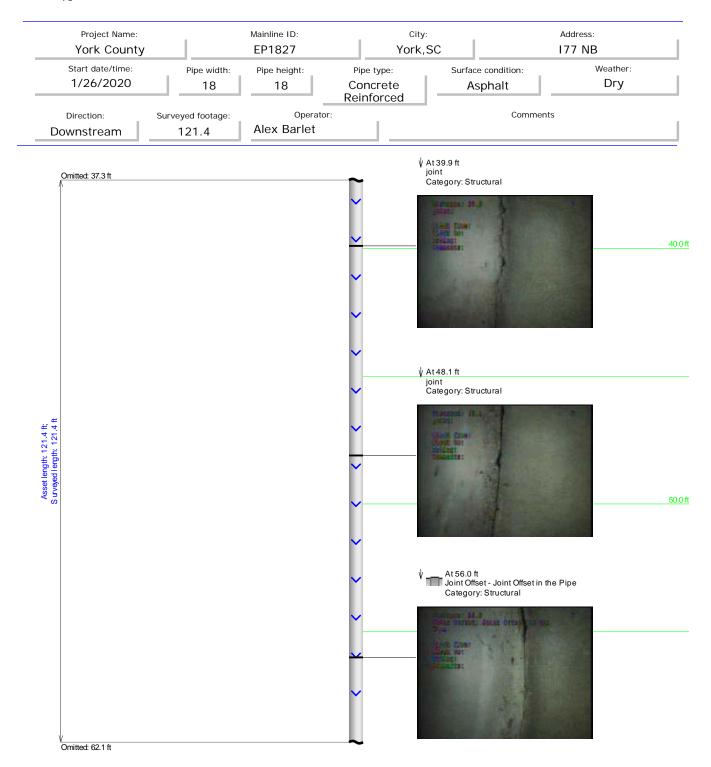


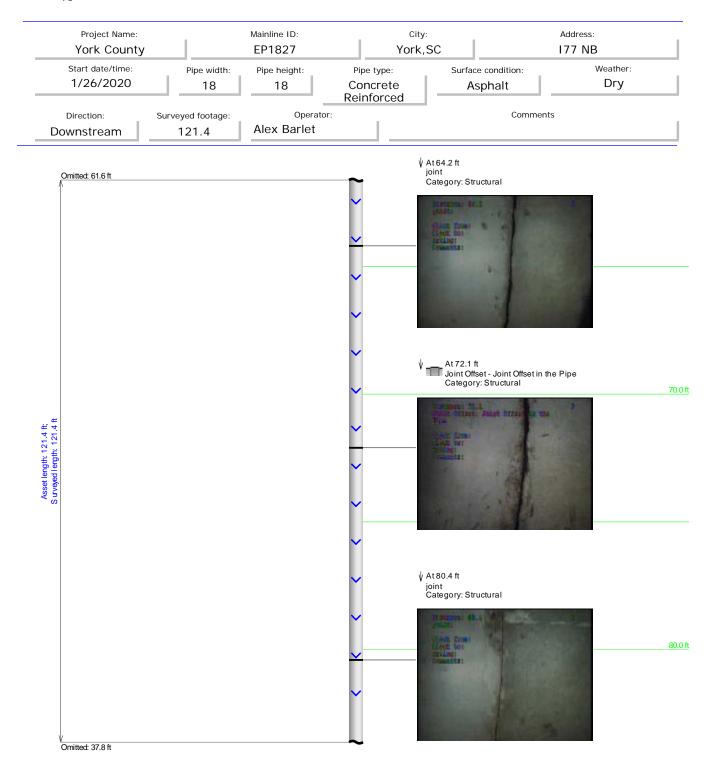


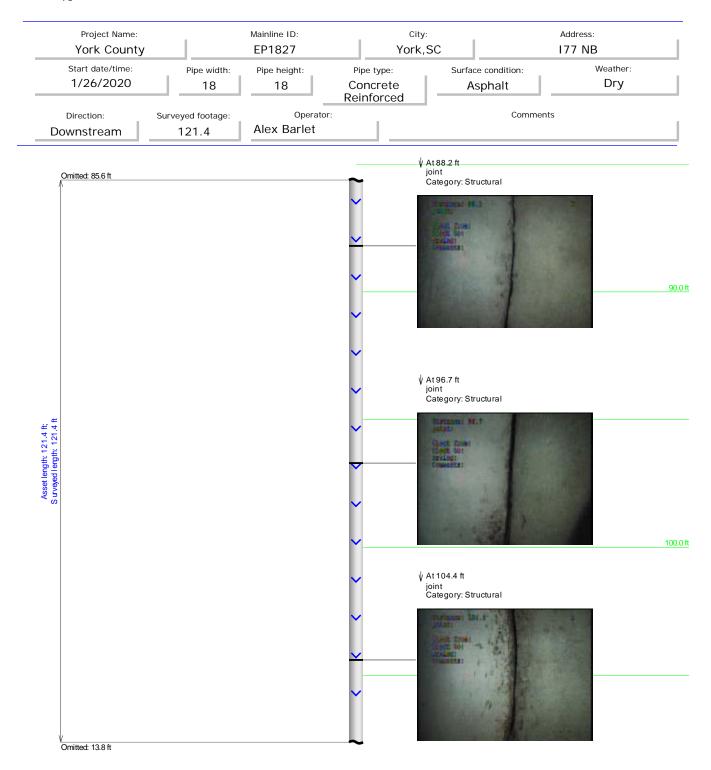




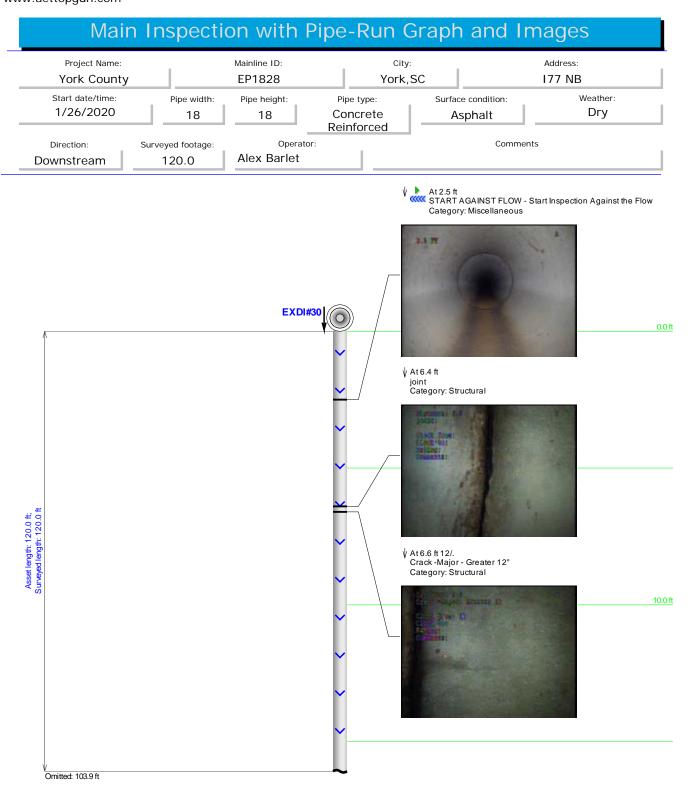


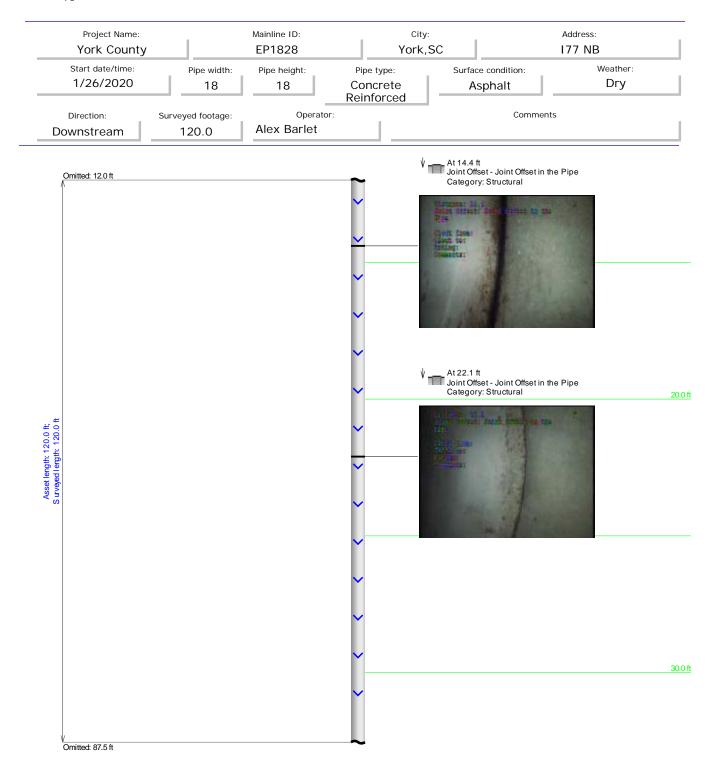


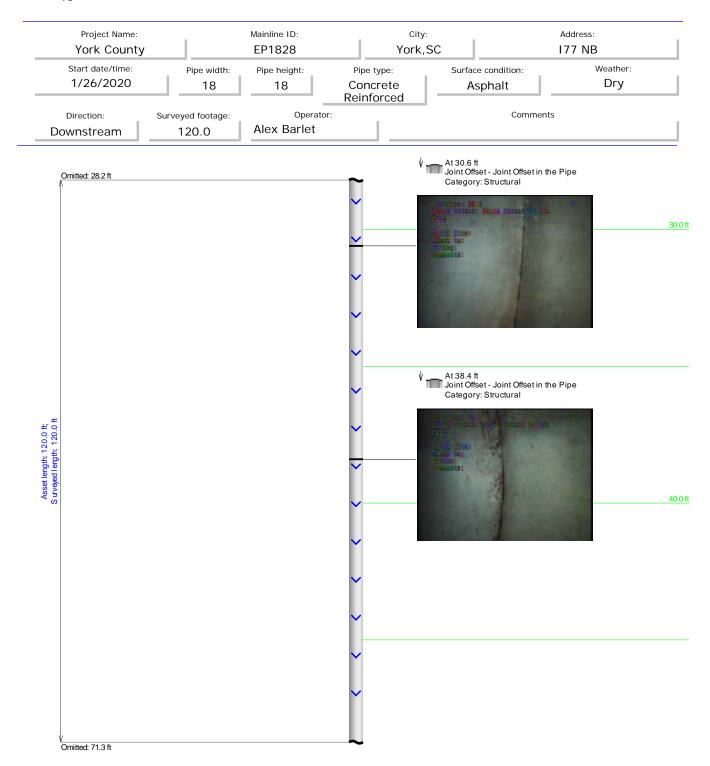


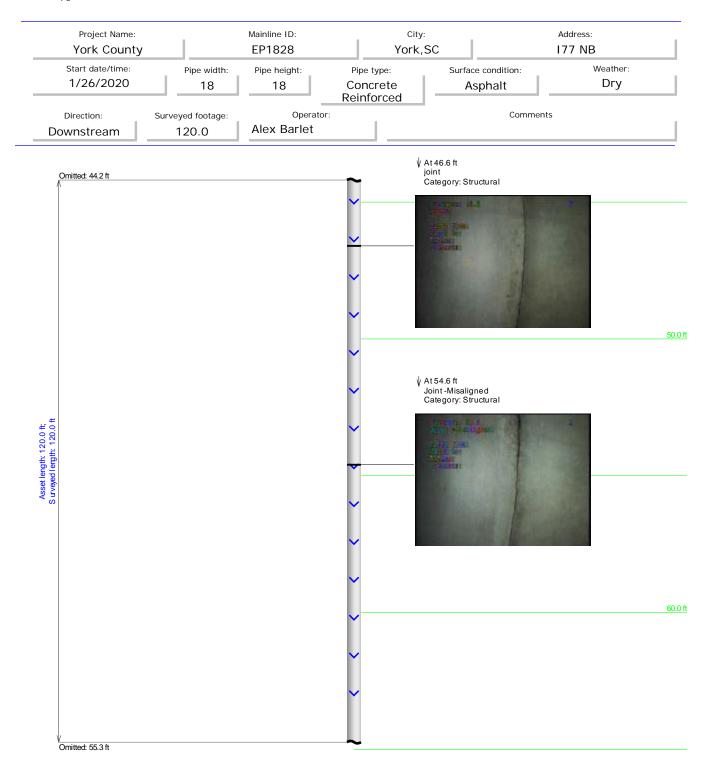


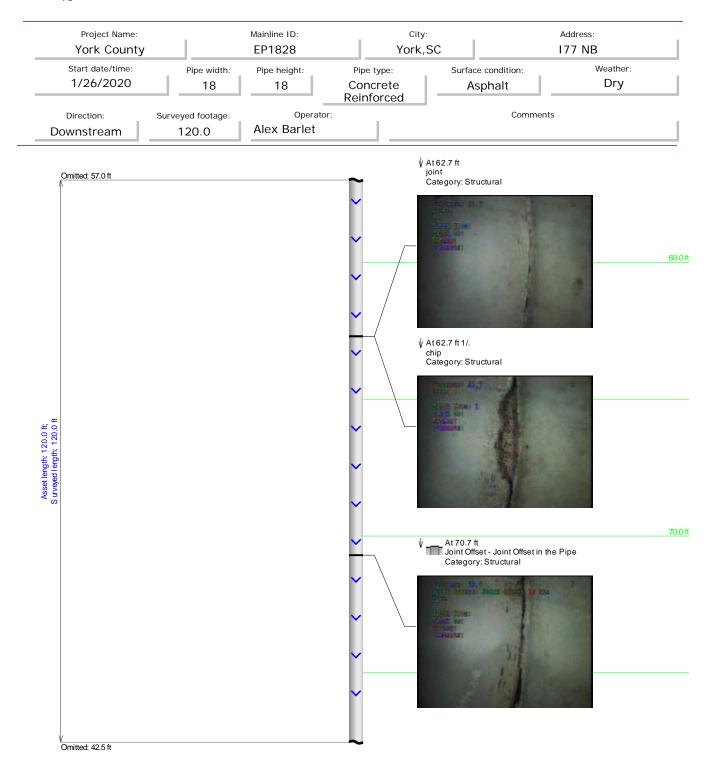


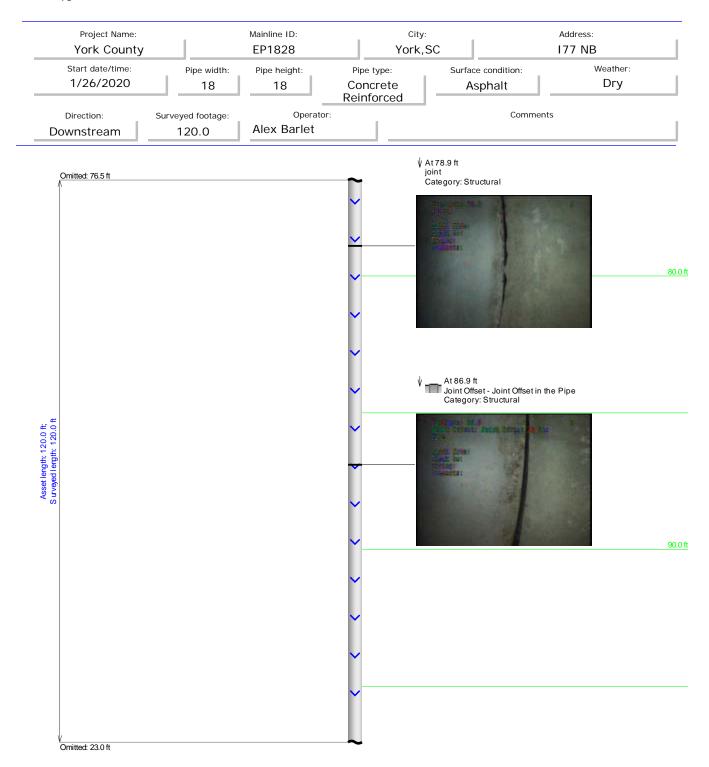


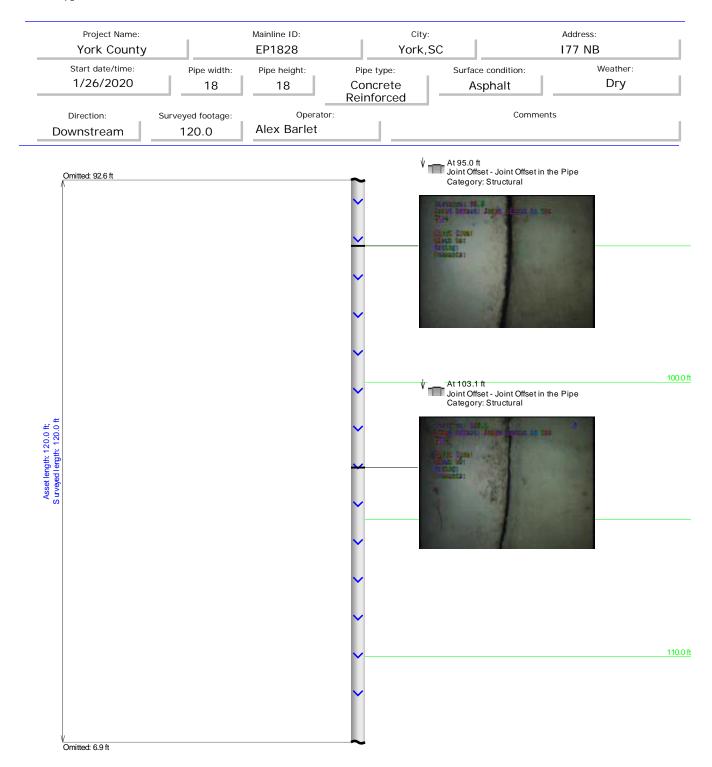


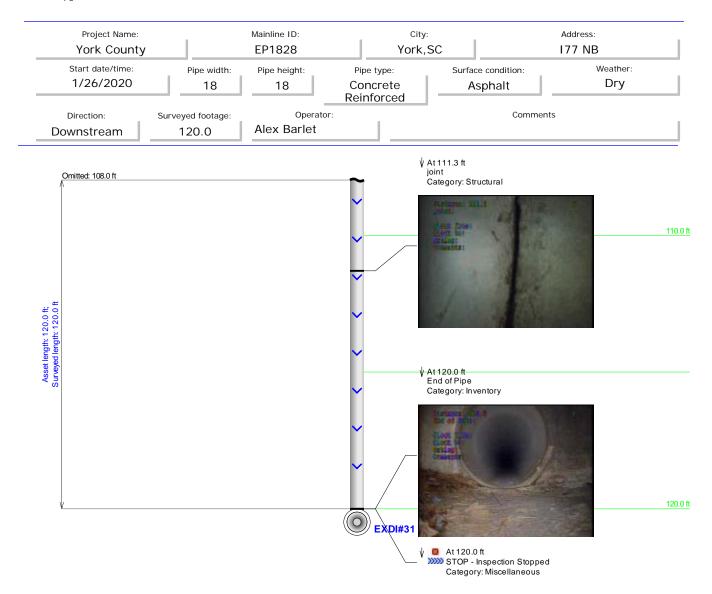


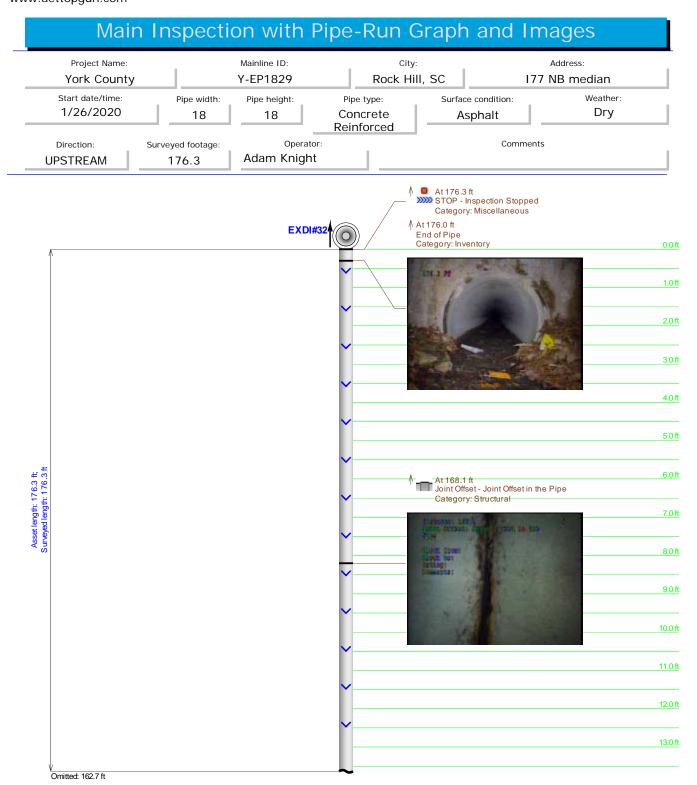


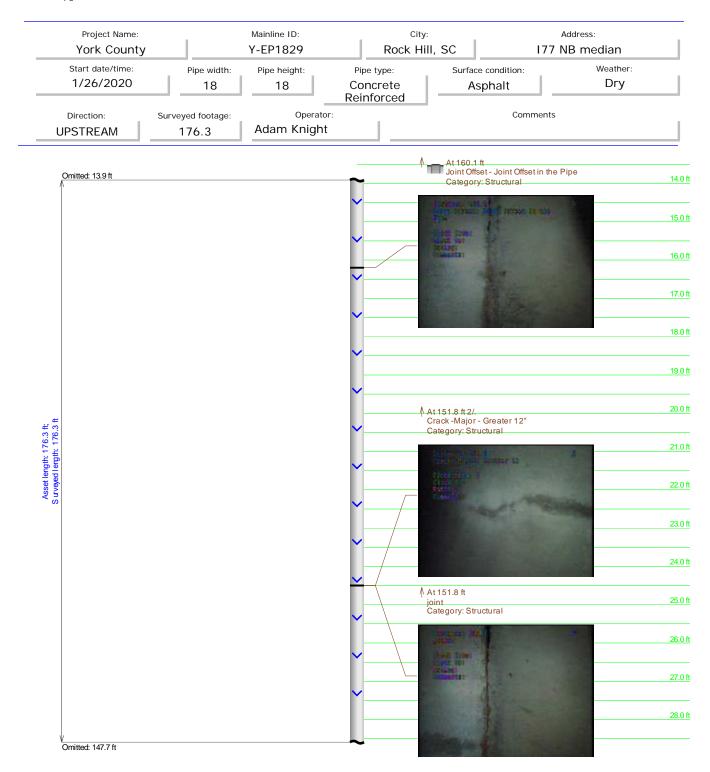


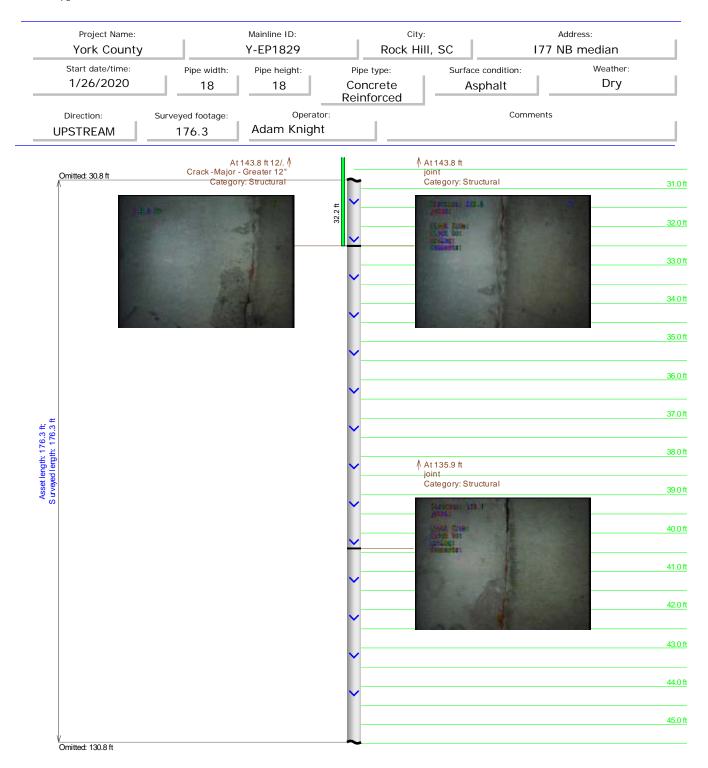


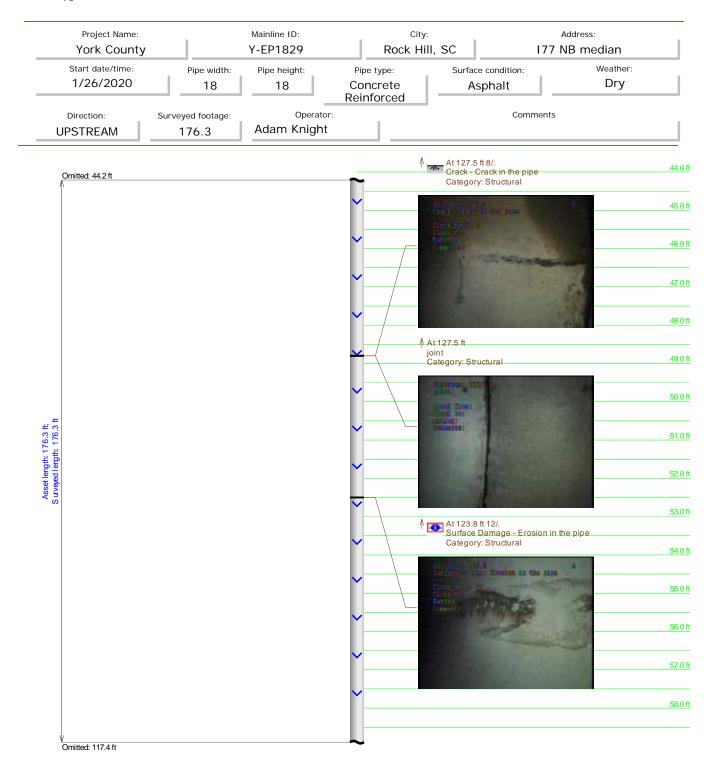








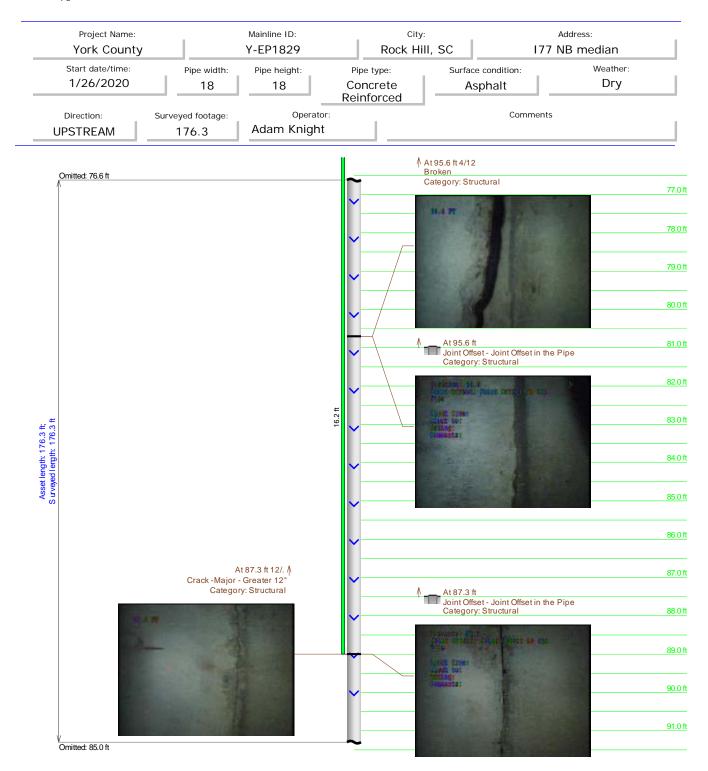


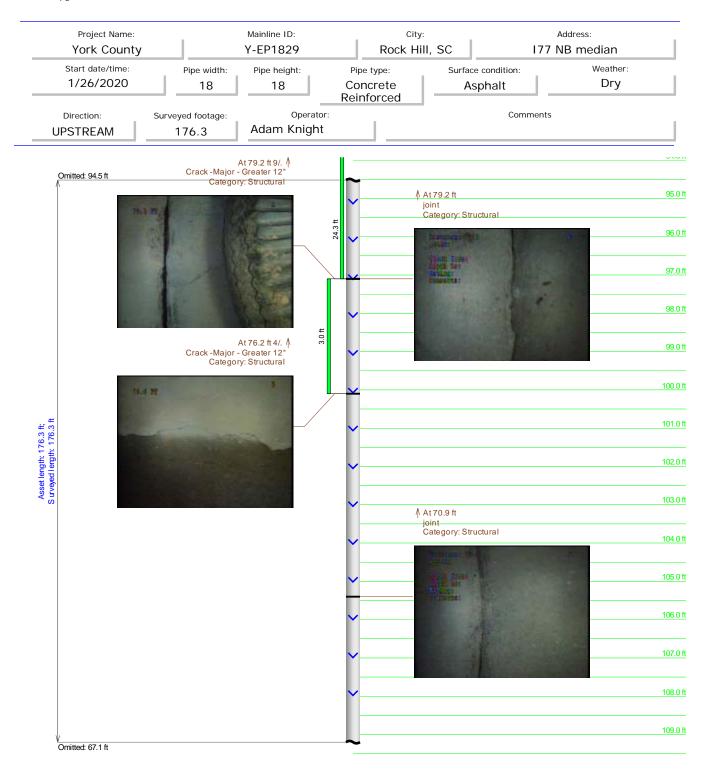


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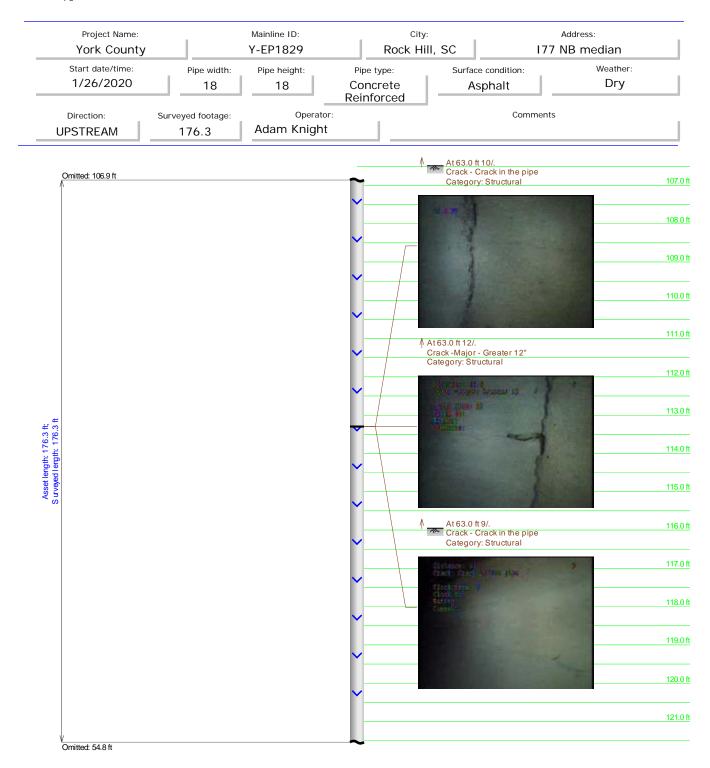


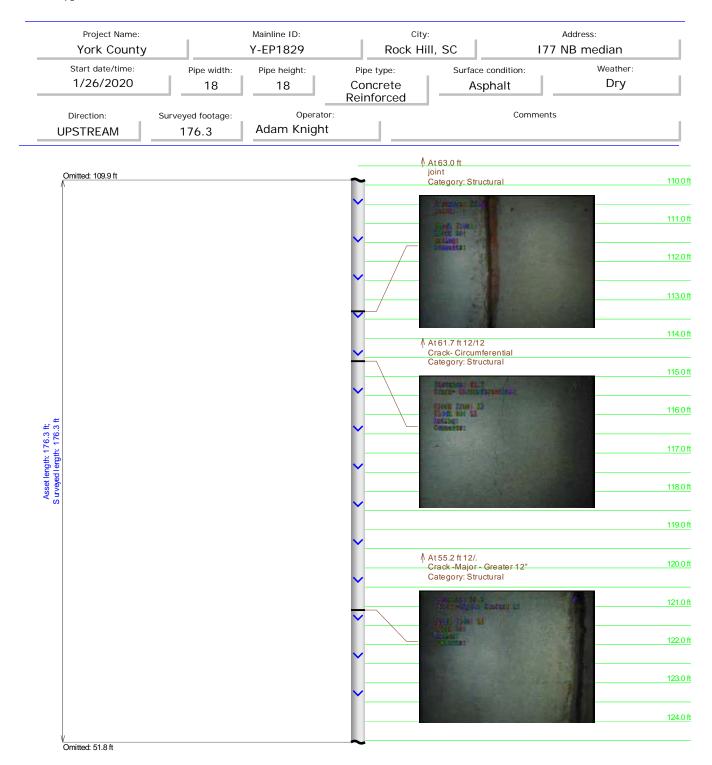


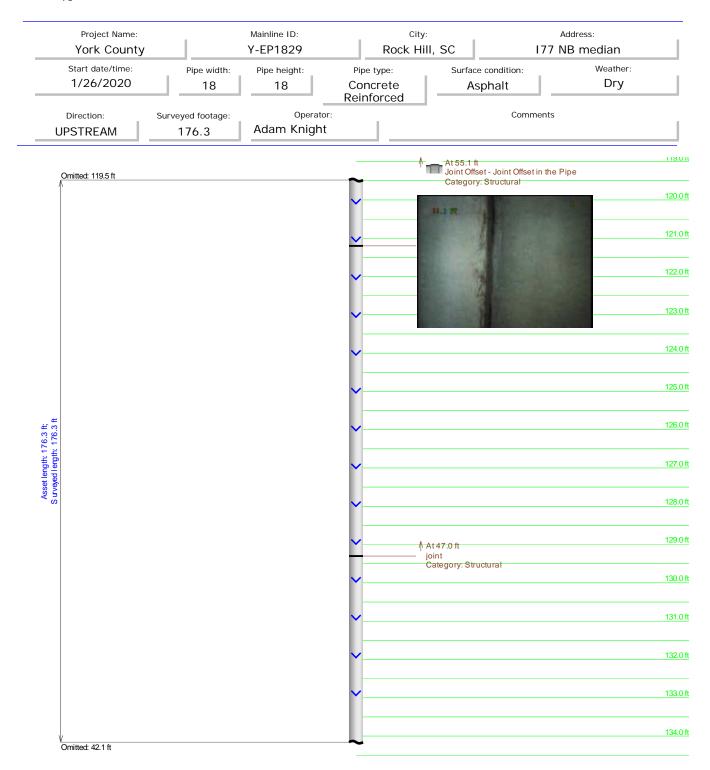


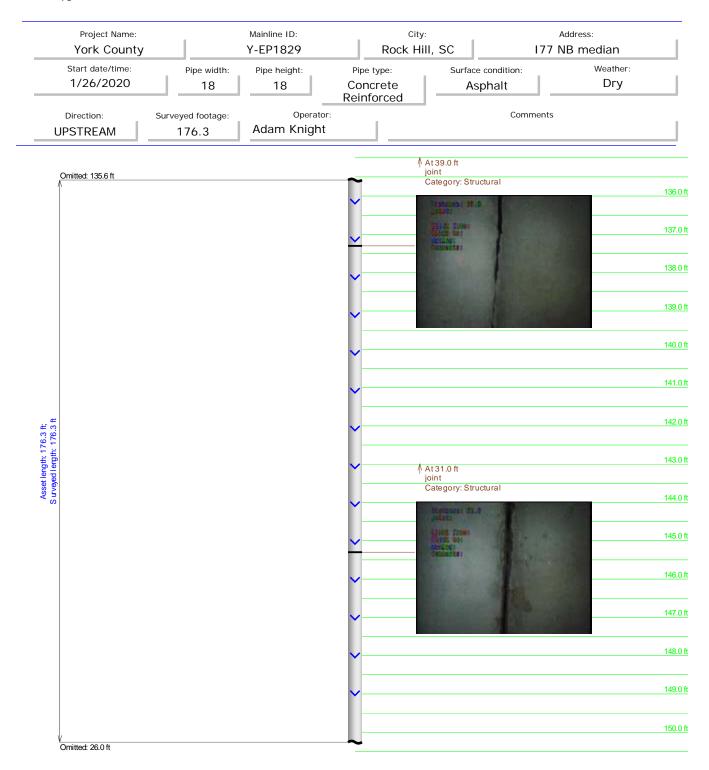


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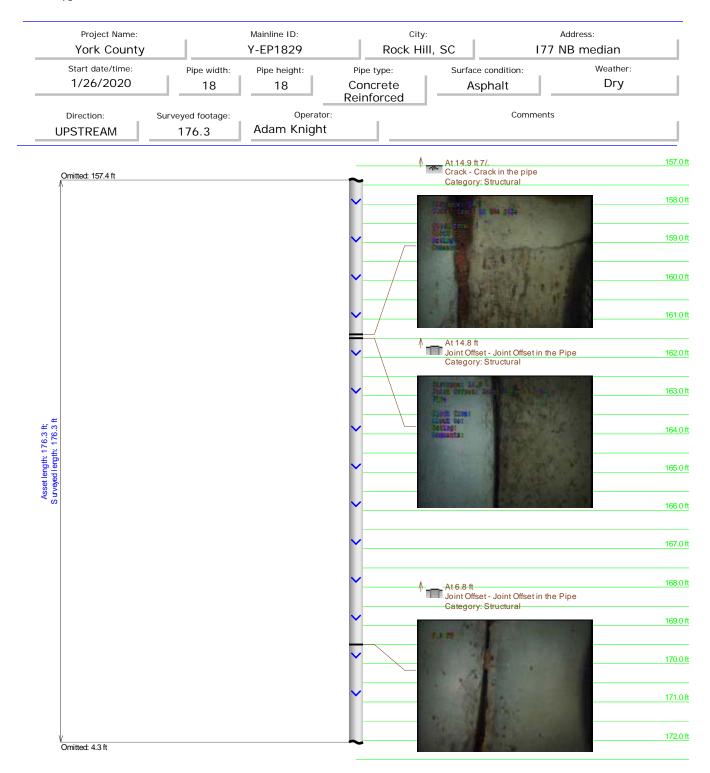


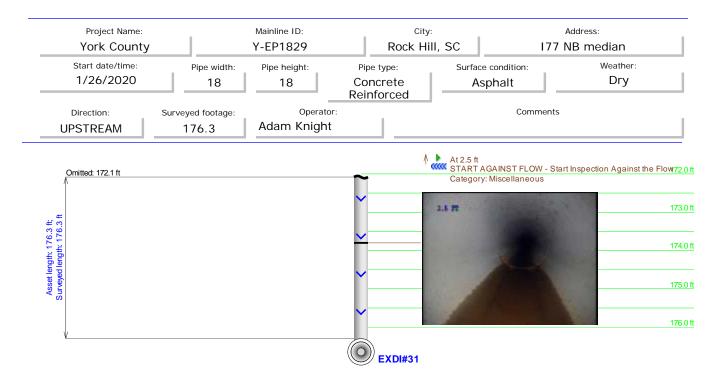


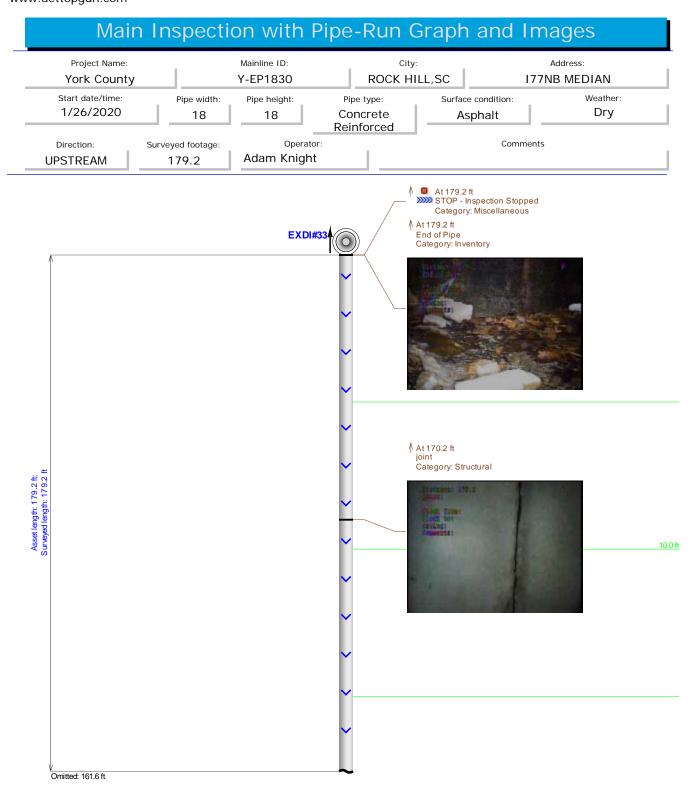


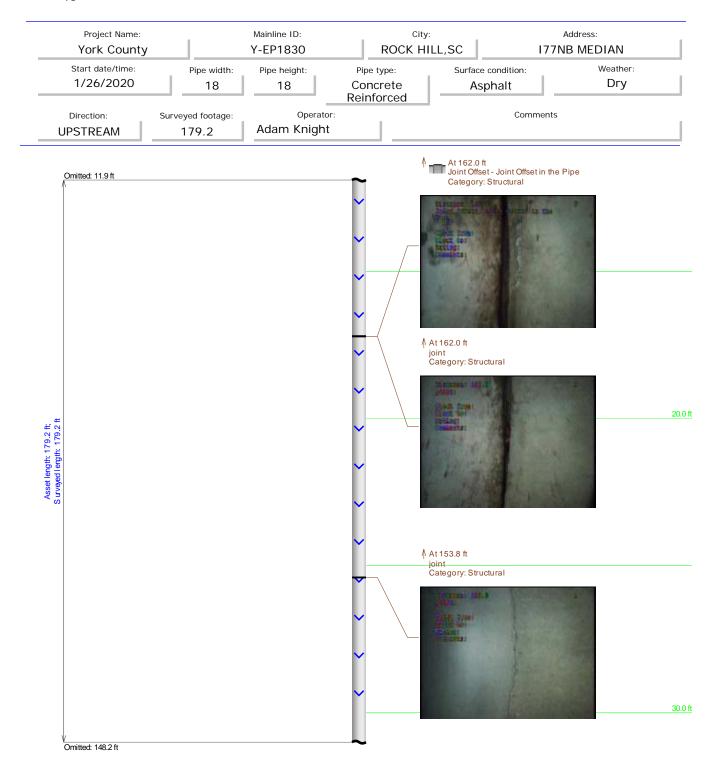


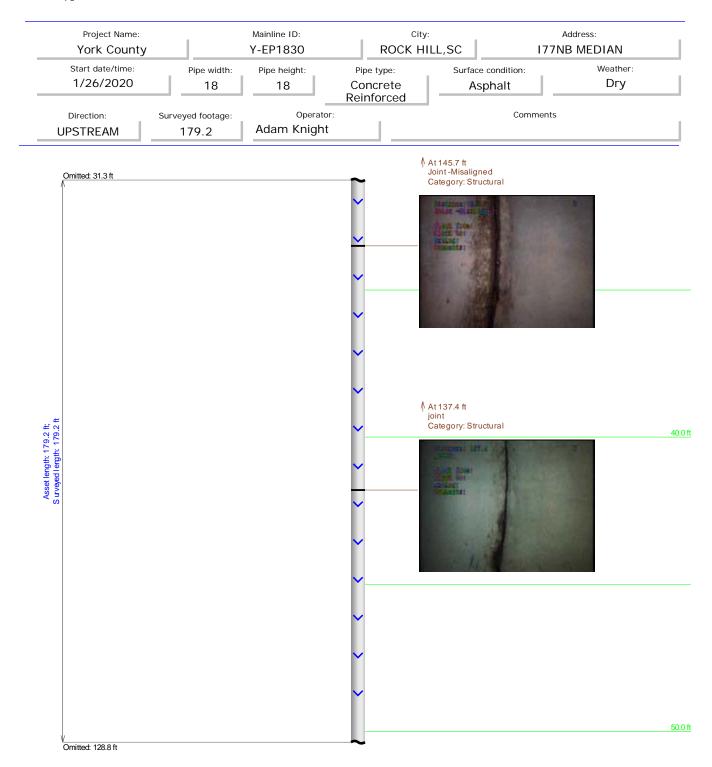


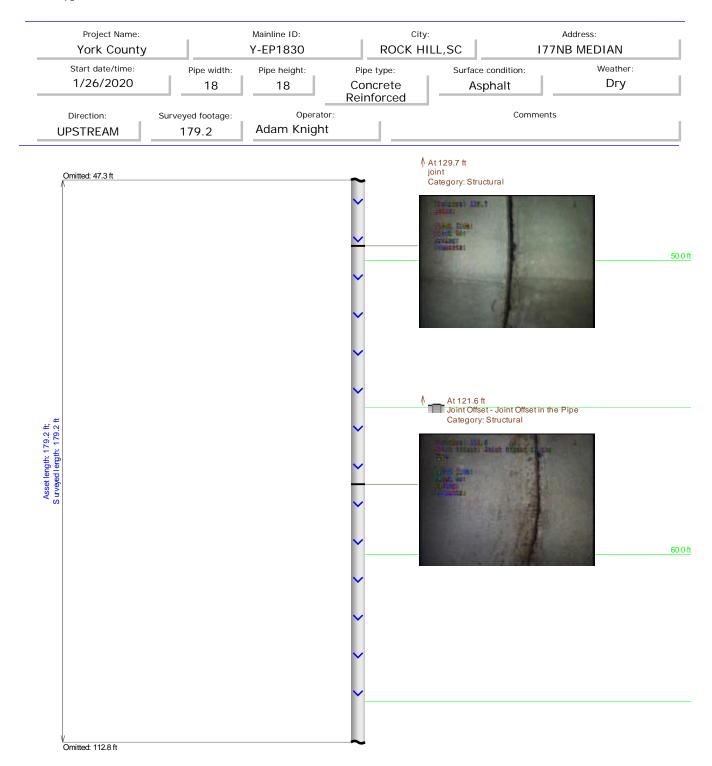


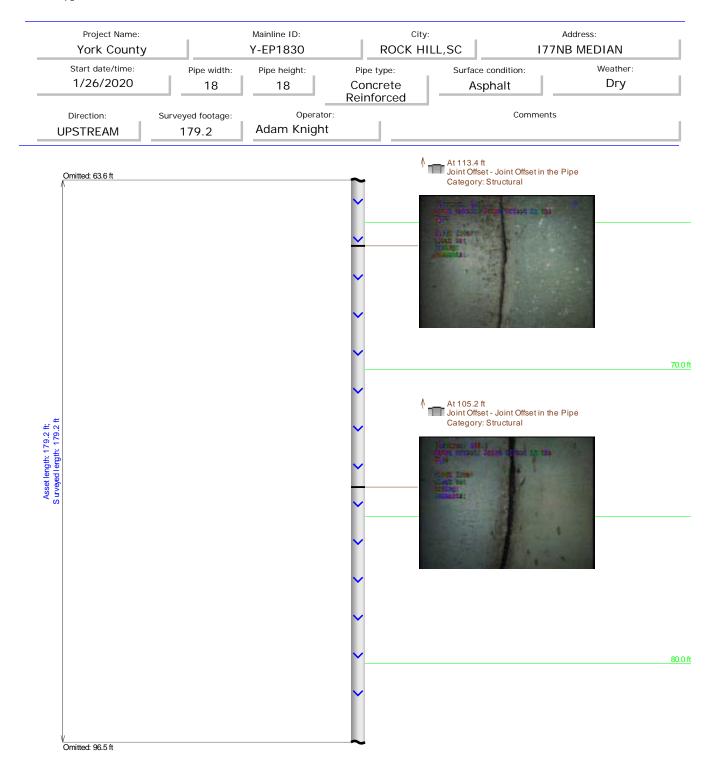


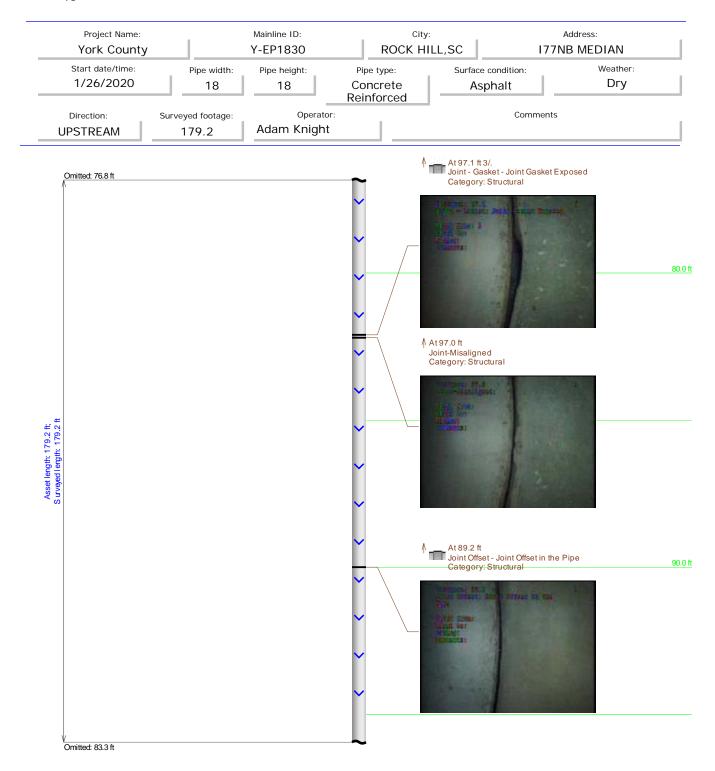


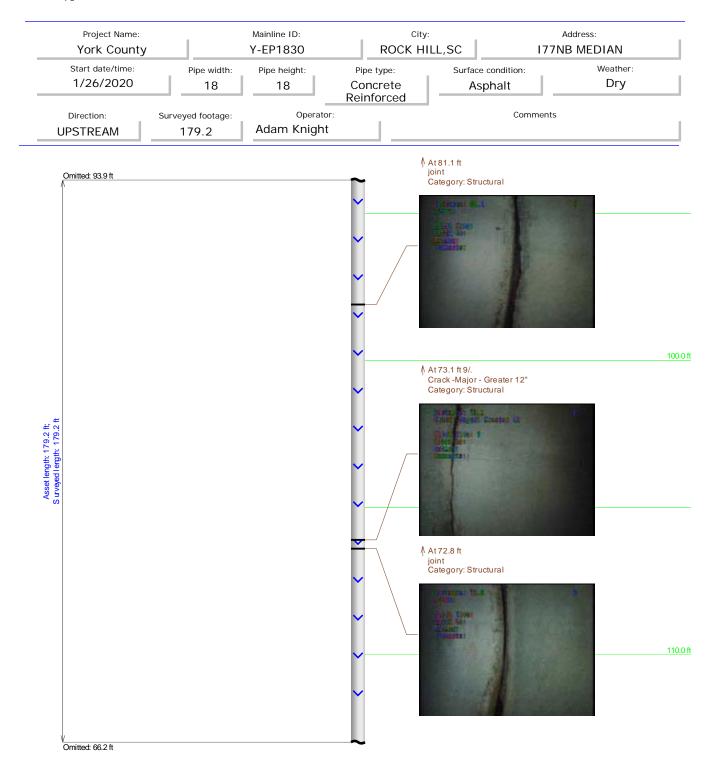




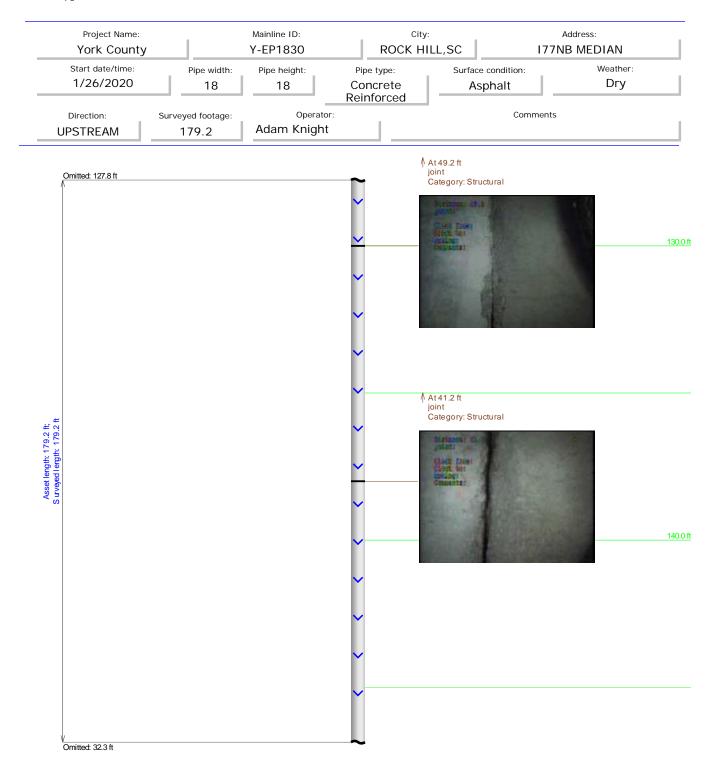


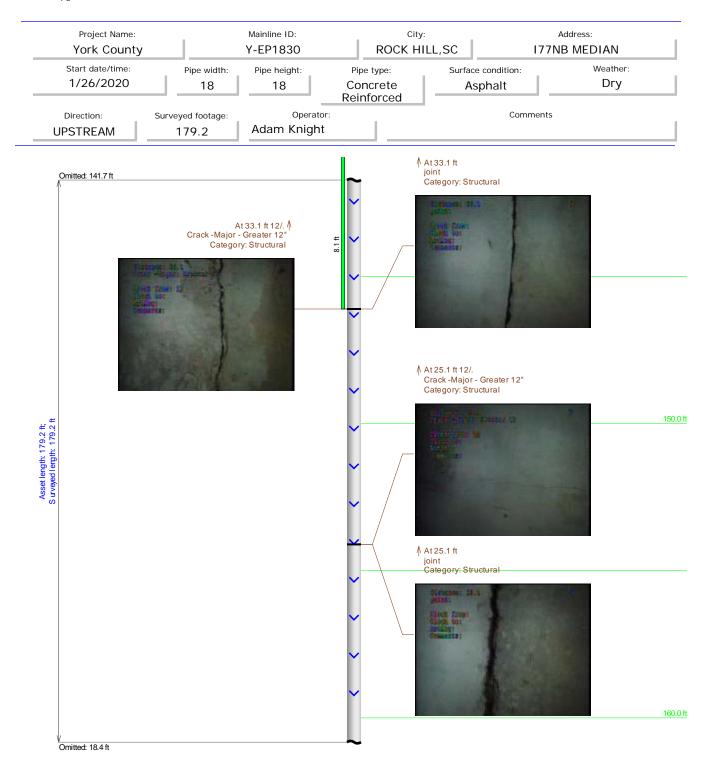










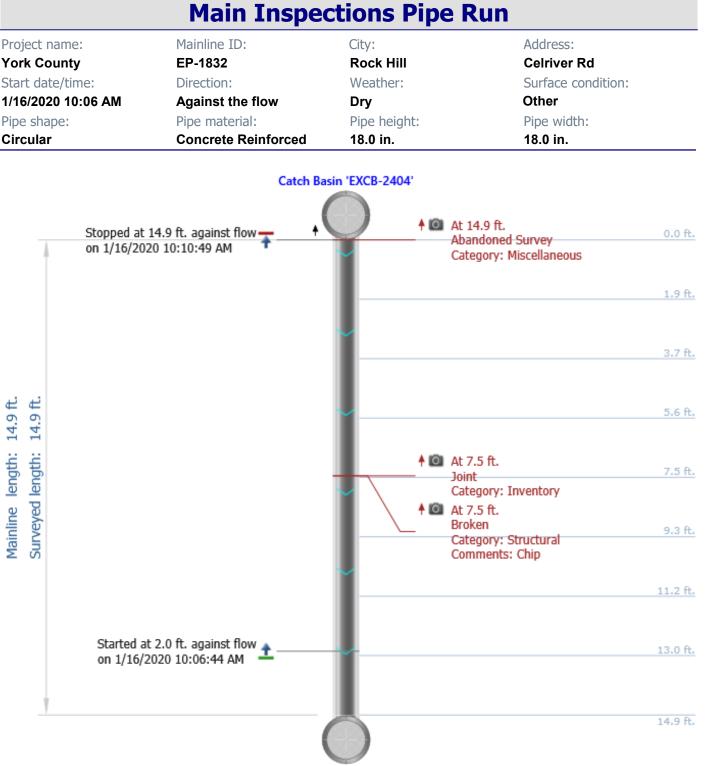






EXDI#32





Catch Basin 'OP-1832'



Main Inspections Small Photos

Mainline ID:	City:	Address:	Project name:	
EP-1832	Rock Hill	Celriver Rd	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/16/2020 10:06 AM	14.9 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EXCB-2404		OP-1832		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	18.0 in.	18.0 in.	
Comments:				

Observations

Distance Dir. Length	From/To Code	Modifier/Severity	Rating	Comments
7.5 ft. U	/ Joint			
Distance:7.5 fb, Joint - Clock from: Clock Ros Barlag:	P			

 7.5 ft.
 U
 /
 Broken
 Chip

 Distance: 7. 5 ft.
 III.
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 Clock r5995
 III.
 III.
 III.
 III.

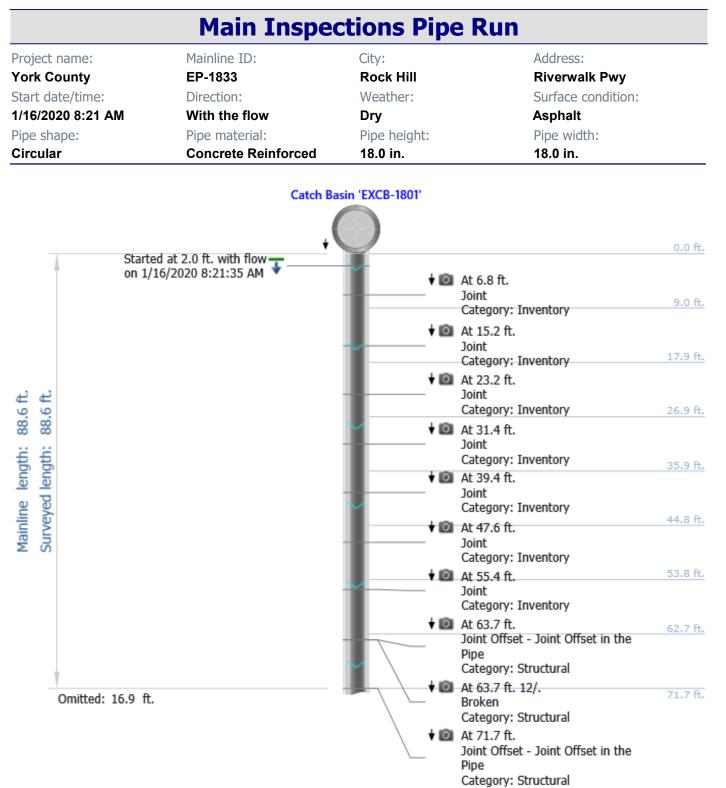
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 III.
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 III.

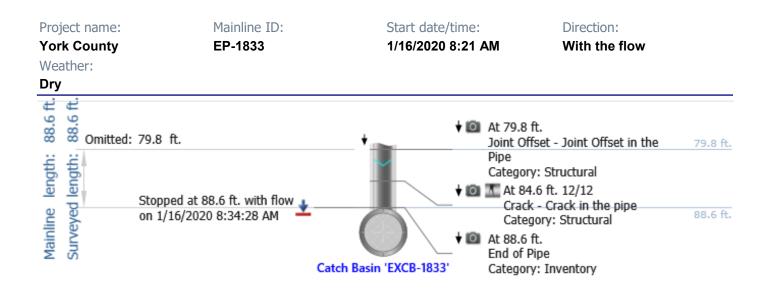
Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
14.9 ft.	U	1	Abandoned Survey			
Distance:	14.9 ft.		P			
Abandoned Clock fro	l Survey - m:		10			
clock ros Rating:		T.F				
		1				
Realing	Contraction of	-	1			
a feit		4	e t			

Inspection's photos











Main Inspections Small Photos

Mainline ID:	City:	Address:	Project name:	
EP-1833	Rock Hill	Riverwalk Pwy	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/16/2020 8:21 AM	88.6 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EXCB-1801		EXCB-1833		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	18.0 in.	18.0 in.	
Comments:				

Observations

Distance	Dir. Length	From/To	o Code	Modifier/Severity	Rating	Comments
6.8 ft.	D	1	Joint			
Walk and a second						
Distance Joint	6.8 E.		P			
Joint - Clock fy Clock to Rating						
ha lange	1.1.1					
			18 2			
	and the second		-			
10 835						
and the second	A Car		12.20			
100	Silly					
1.00	CO Depás destin	Mar L'Andrew	1000			

15.2 ft. D / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
23.2 ft.	D	1	Joint			
Distance: Joint - Clock fro Clock to Rating:			A			



Children Con



39.4 ft. D / Joint



Distance	Dir. Length	From/T	o Code	Modifier/Severity	Rating	Comments
47.6 ft.	D	Ι	Joint			
Distance: Joint - Clock fre Clock for Fatling:	97.6 ft.		P.			





63.7 ft. D / Joint Offset



63.7 ft. D 12 / Broken	Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
Distance:63.7 fr. Broken = Clock form: 19 & slock Clock do: Replays	63.7 ft.	D	12 /	Broken			
	Distance Broken = Clock for Clock for Rating	69,7 fr. me 10 a slack	P				

71.7 ft. D / Joint Offset

15.50



1100

79.8 ft. D / Joint Offset



 Distance
 Dir. Length
 From/To Code
 Modifier/Severity
 Rating Comments

 84.6 ft.
 D
 12 / 12 Crack
 12 / 12 Crack
 Image: Comments
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88.6 ft. D / End of Pipe



Inspection's photos





	Main Inspe		
roject name:	Mainline ID:	City:	Address:
ork County	EP-1834	Rock Hill	Riverwalk Pwy
tart date/time:	Direction:	Weather:	Surface condition:
/16/2020 8:09 AM	Against the flow	Dry	Asphalt
ipe shape:	Pipe material:	Pipe height:	Pipe width:
ircular	Concrete Reinforced	18.0 in.	18.0 in.
	Catch Ba	sin 'EXCB-1802'	
	: 58.0 ft. against flow	● + ◎	At 58.0 ft.
on 1/16/20)20 8:17:40 AM 🏾 🕈	\sim	Category: Inventory
		↑ ○	At 55.3 ft.
		$\backslash \sim$	Joint 7.3 f
			Category: Inventory
			At 55.3 ft. 5/. Crack - Crack in the pipe
			Category: Structural 14.5 f
		♦ [0]	At 47.2 ft.
			Joint
2 62			Category: Inventory
		+0	At 47.2 ft. 8/10
			Category: Structural
i i			At 20.0 A
Surveyed length:			Joint 29.0 ft
p e p		\mathbf{M}	Category: Inventory
		A 🛉 🖸	At 30.9 ft.
Surveyed length:			Joint 36.3 f Category: Inventory
ž v			At 22.8 ft.
			Joint
			Category: Inventory 43.5 f
		🕴 🕴 🛉 🙆	At 14.7 ft.
		<u> </u>	Joint
		×	Category: Inventory 50.8 f
		↑ 0	At 6.7 ft. Joint
Started a	at 2.0 ft. against flow 🔺		Category: Inventory
	2020 8:09:51 AM		
			58.0 f

Catch Basin 'EXCB-1801'



Main Inspections Small Photos

				1
Mainline ID:	City:	Address:	Project name:	
EP-1834	Rock Hill	Riverwalk Pwy	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/16/2020 8:09 AM	58.0 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EXCB-1802		EXCB-1801		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	18.0 in.	18.0 in.	
Comments:				

Observations

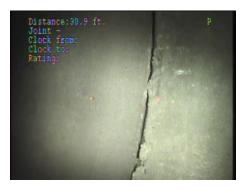
Distance	Dir. Length	From/To	o Code	Modifier/Severity	Rating	Comments
6.7 ft.	U	1	Joint			
Distance:	6 7 Ft	Section.	A			
Joint - Clock fr			* *			
Joint - Clock fro Clock bo Ratirg:	A start					
		V2				
		North Street				
		A PA	and a			
	- 11		10			
		and the states of				

14.7 ft. U / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
22.8 ft.	U	1	Joint			
Distance Joint - Clock fr Clock to Rating:	cm:		A			



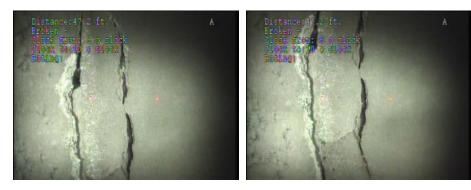


39.0 ft. U / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
47.2 ft.	U	Ι	Joint			
Distance Joint - Clock fr Clock to Rating	Sinc		P			

47.2 ft. U 8 / 10 Broken



55.3 ft. U / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
55.3 ft.	U	5 /	Crack			
Distance Crack - (Clock for Clock for Rating)	:55.3 ft. Crack in the pipe im: 5 e clobk					

58.0 ft. U / End of Pipe

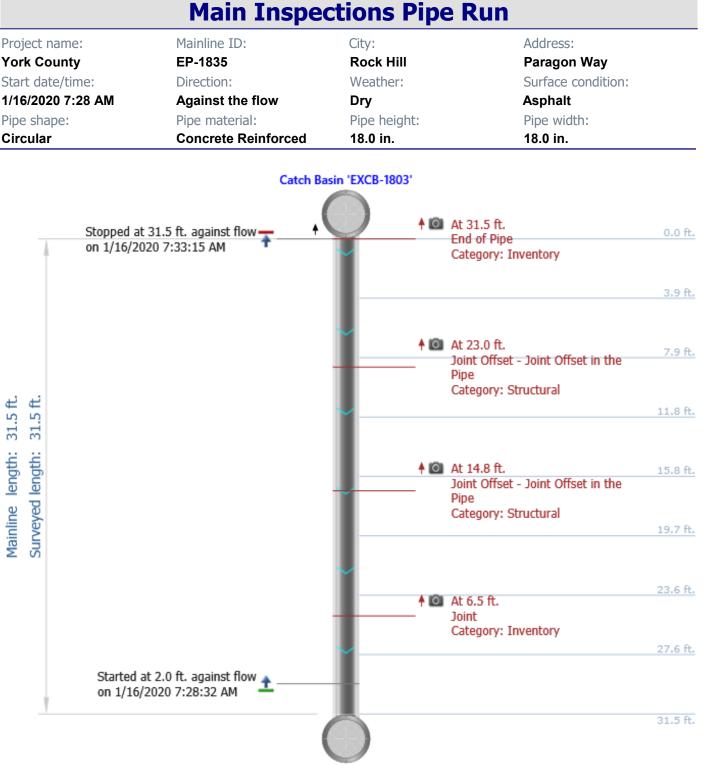
not what



Inspection's photos







Catch Basin 'EXCB-1805'



Main Inspections Small Photos

Mainline ID:	City:	Address:	Project name:	
EP-1835	Rock Hill	Paragon Way	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/16/2020 7:28 AM	31.5 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EXCB-1803		EXCB-1805		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	18.0 in.	18.0 in.	
Comments:				

Observations

Distance	Dir. Length	From/To	o Code	Modifier/Severity	Rating	Comments
6.5 ft.	U	1	Joint			
Distance Joint - Clock fre Clock tro Rating	-6.8 ft.		P			

14.8 ft. U / Joint Offset



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
23.0 ft.	U	Ι	Joint Offset			
-	Anna An	2005				
Distance Joint Of	129.0 ft. 1967 - Jünn Offs	et in the Pipe	P			
	CRACED BY CARRY AND					
CLOCK ES						
CLOCK ES DLOCK BD DCCLOCK BD		e	and the second se			
Clock to Clock Bo Fatlage		4 -	and a			
Clock is Clock Bi Setlag:		-				
CIDEA ES Flock BS Fatlage		4				

31.5 ft. U / End of Pipe

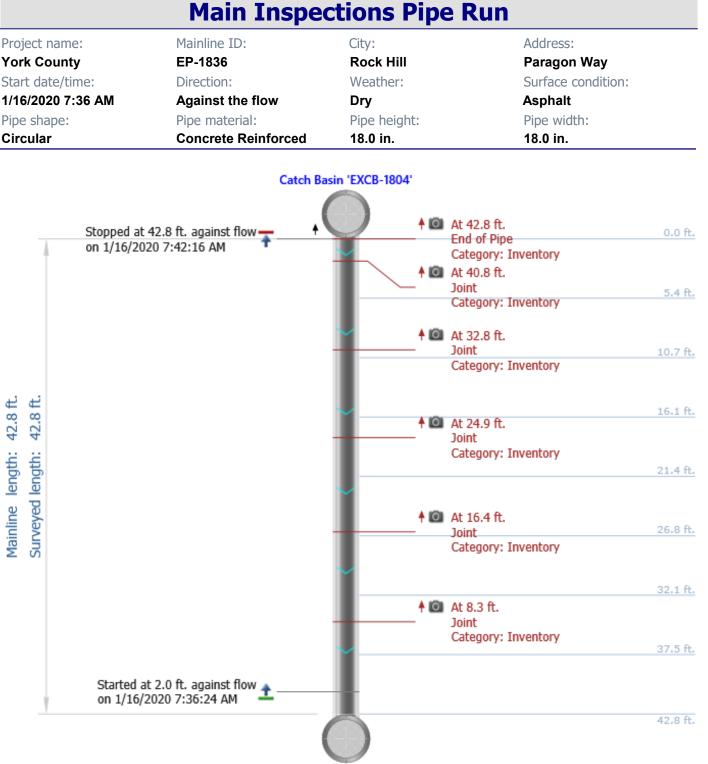


Inspection's photos



EP-1836





Catch Basin 'EXCB-1803'



Main Inspections Small Photos

Mainline ID:	City:	Address:	Project name:	
EP-1836	Rock Hill	Paragon Way	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/16/2020 7:36 AM	42.8 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EXCB-1804		EXCB-1803		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	18.0 in.	18.0 in.	
Comments:				

Observations

Distance	Dir. Length	From/To	o Code	Modifier/Severity	Rating	Comments
8.3 ft.	U	1	Joint			
Distance: Joint - Clock fro Clock fro Clock for Satisfy	9. 3 ft. 12.		A			

16.4 ft.	U	1	Joint
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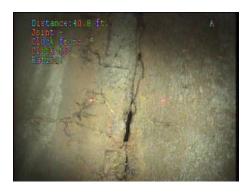
Main Inspections Small Photos

Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
24.9 ft.	U	1	Joint			
Distance	ALL BR	P)			
Distance Joint - Clock Est Clock Est Clock Est Fations						
- Hardenia.						
	- H					





40.8 ft. U / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
42.8 ft.	U	1	End of Pipe			
Distance End of P Clock fg Clock to Rating:	:42.8 ft. ipe - om:		A			

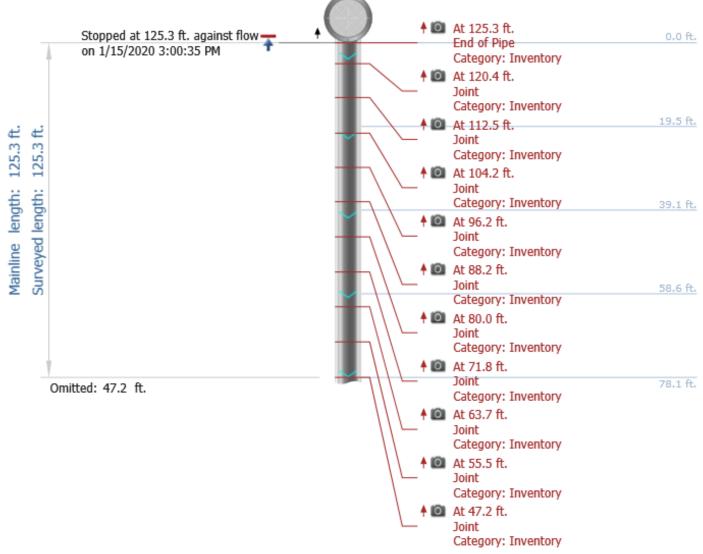
Inspection's photos

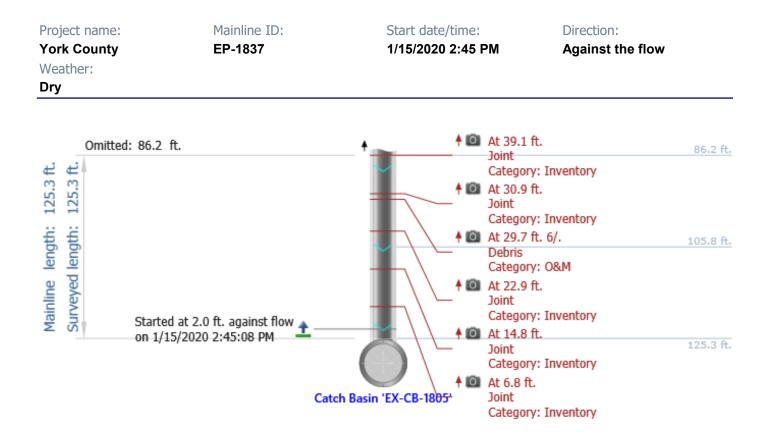


EP-1837



Project name:	Mainline ID:	City:	Address:
York County	EP-1837	Rock Hill	Paragon Way
Start date/time:	Direction:	Weather:	Surface condition:
1/15/2020 2:45 PM	Against the flow	Dry	Other
Pipe shape:	Pipe material:	Pipe height:	Pipe width:
Circular	Concrete Reinforced	18.0 in.	18.0 in.
	(
Stopped at	125.2 ft against flow	🛉 🖸 At :	125.3 ft.
	125.3 ft. against flow 🕌 🔥 🕇	Enc	l of Pipe 0.0 f egory: Inventory 120.4 ft.







Main Inspections Small Photos

Mainline ID:	City:	Address:	Project name:	
EP-1837	Rock Hill	Paragon Way	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/15/2020 2:45 PM	125.3 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EX-CB-1837		EX-CB-1805		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	18.0 in.	18.0 in.	
Comments:				

Observations

Distance Di	r. Length	From/To	Code	Mod	ifier/Severity	Rating	Comments
6.8 ft. U		1	Joint				
Distance:6.8	Re		A				
Distance:6.8 Joint - Clock from: Clock from: Dathy	501						
Rating.							
No.							
	and f		14				
	A R						
	1		0.5				

14.8 ft. U / Joint



22.9 ft. U / Joint	
Distance:22.8 ft. P Joint - Clock Exame Topue Root Balange	
Cloop: Szeme Lampt ton Barting:	
Deltangs	

29.7 ft.	U	6 /	Debris
----------	---	-----	--------



30.9 ft. U / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
39.1 ft.	U	1	Joint			
Distance: Joint - Clack is: ninet has facing?	39.1 fr.					



STATE PROPERTY AND A



55.5 ft. U / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
63.7 ft.	U	1	Joint			
Distance:	63 7 ft		A			
Joint - Clock fre Clock fre Clock fre Decings						
Recings			14			
E			100			
12						
			14.01			





80.0 ft. U / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
88.2 ft.	U	Ι	Joint		·	
Distance Joint - Close 20 Close 20 Satage	18.2 ftt.					





104.2 ft. U / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
112.5 ft.	U	1	Joint			
Distance Joint - Clock fr Clock ta Bating:	112.5 ft.		P			

120.4 ft. U / Joint



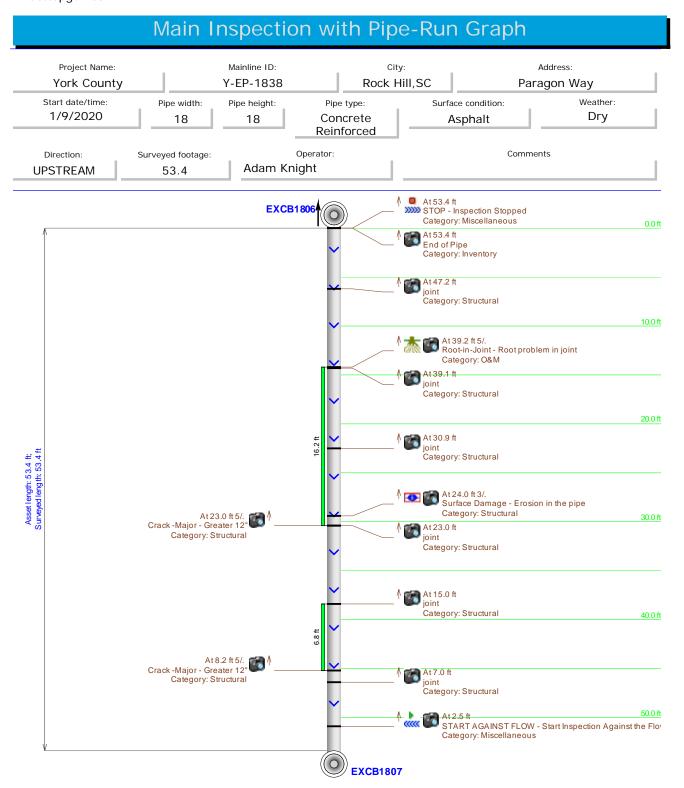
125.3 ft. U / End of Pipe



Inspection's photos



EP-1838









8.2 6.8 Crack - Major Yes 5 /

Observations with Still Images

Observations



15.0

joint



/

5 /

23.0

joint

Yes



23.0 16.2 Crack -Major Yes

Observations with Still Images

Tuesday, January 14, 2020 9:47 AM

Observations



39.1

joint

Yes

/

Observations



39.2

Root-in-Joint

5 /



47.2 joint Yes





/

/

53.4 End of Pipe Yes

Observations with Still Images

Tuesday, January 14, 2020 9:47 AM

Page 4 of 5

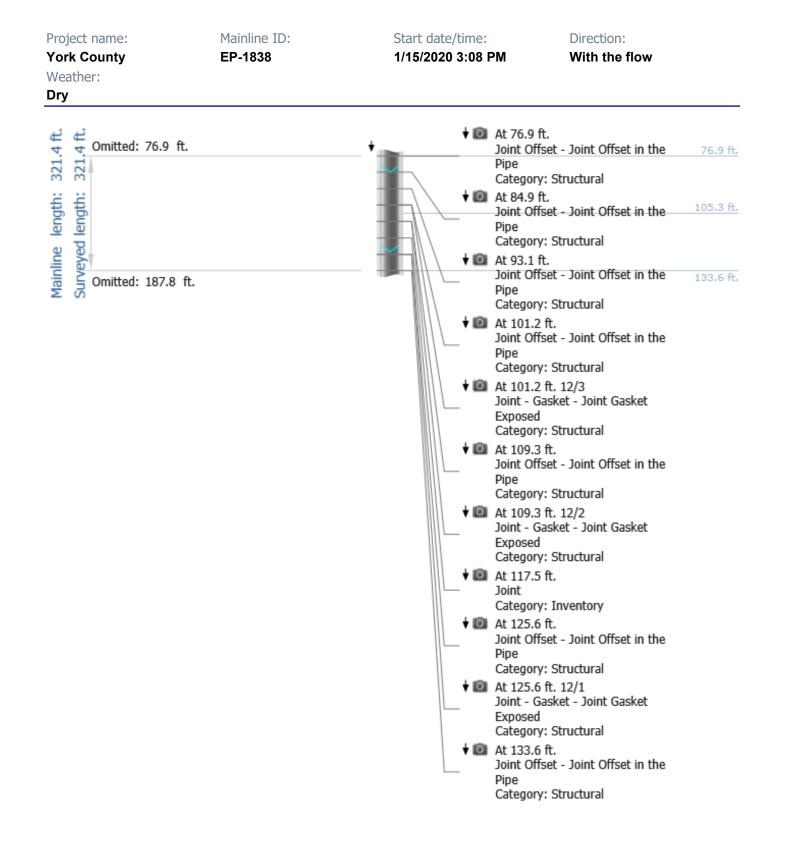
Observations

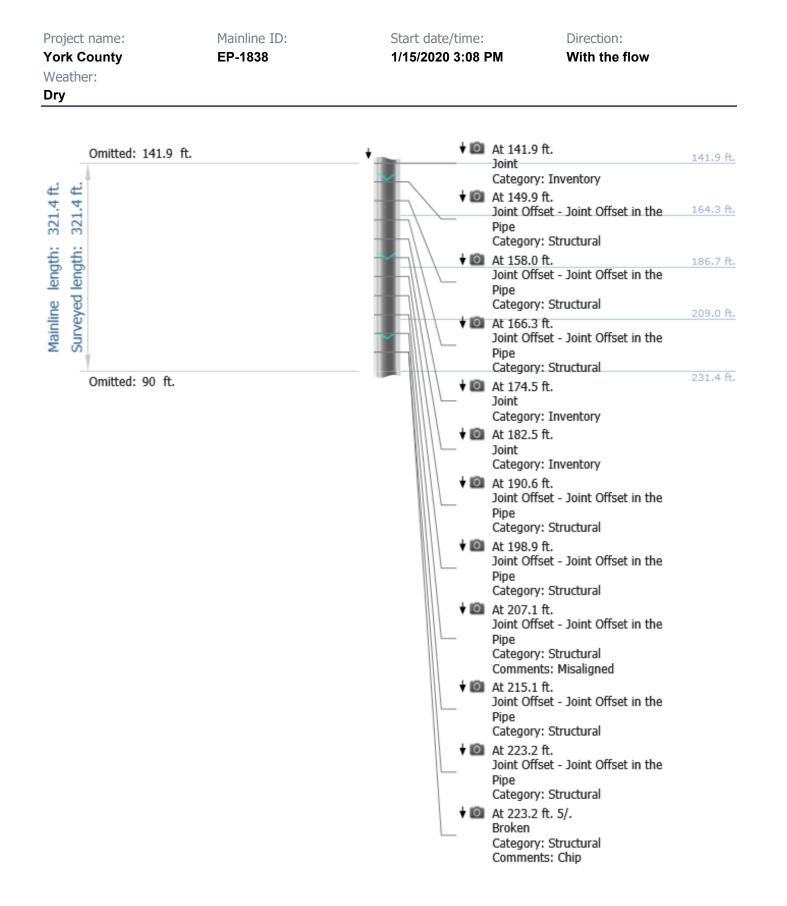


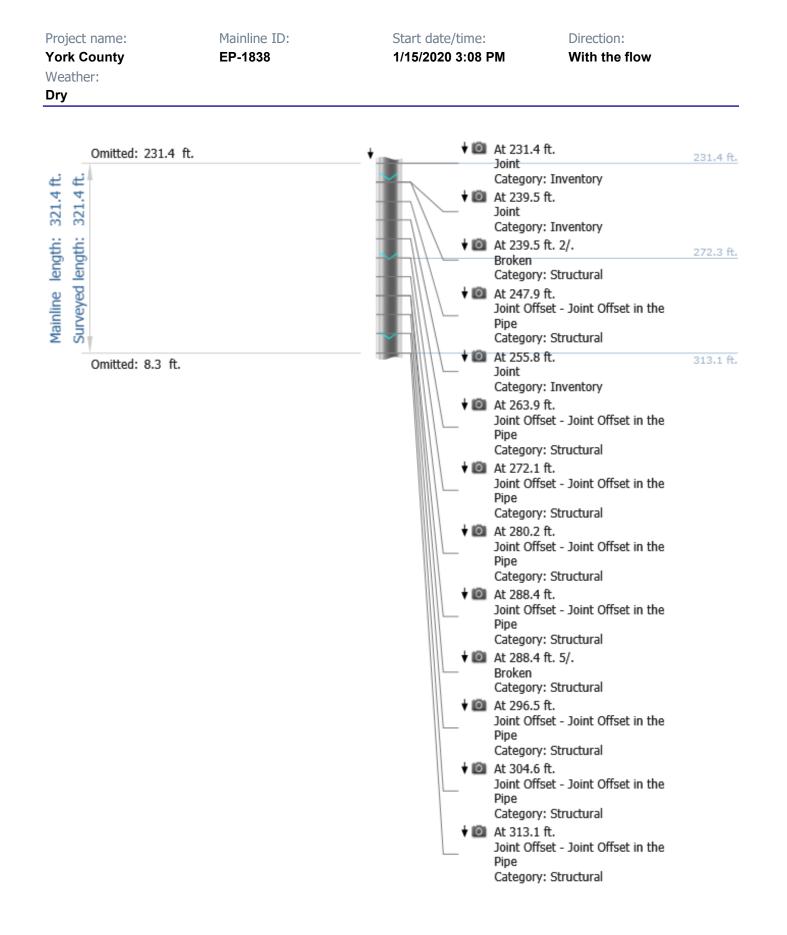
EP-1838.1



	Main Insp	ections Pipe	e Run
Project name:	Mainline ID:	City:	Address:
York County	EP-1838	Rock Hill	Paragon Way
Start date/time:	Direction:	Weather:	Surface condition:
1/15/2020 3:08 PM	With the flow	Dry	Other
Pipe shape:	Pipe material:	Pipe height:	Pipe width:
Circular	Concrete Reinforced	18.0 in.	18.0 in.
	Catch	Basin 'EX-CB-1805'	
321.4 ft. 321,4 ft.	Started at 2.0 ft. with flow	+0	At 3.8 ft. Joint Offset - Joint Offset in the Pipe
			Category: Structural
Surveyed length: Owitted: 52			At 11.6 ft. 34.4 ft Joint Offset - Joint Offset in the Pipe
yec			Category: Structural
Omitted: 25	52.7 ft		At 19.7 ft. Joint 68.7 ft
	2.7 IL.		Category: Inventory
		+ @	At 28.1 ft. Joint Offset - Joint Offset in the Pipe
		W// /	Category: Structural
		+ 🖻	At 36.2 ft. Joint Offset - Joint Offset in the Pipe
		111	Category: Structural
		+ 101	At 44.3 ft. Joint Offset - Joint Offset in the Pipe
			Category: Structural
		+ 🖾	At 52.4 ft. Joint Offset - Joint Offset in the Pipe
			Category: Structural
		+ 101	At 60.6 ft. Joint Offset - Joint Offset in the Pipe
			Category: Structural Comments: Misaligned
		+ 10	At 68.7 ft. Joint Offset - Joint Offset in the
			Pipe Category: Structural











Main Inspections Small Photos

				1
Mainline ID:	City:	Address:	Project name:	
EP-1838	Rock Hill	Paragon Way	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/15/2020 3:08 PM	321.4 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EX-CB-1805		EX-CB-1805.1		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	18.0 in.	18.0 in.	
Comments:				

Observations

Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
3.8 ft.	D	Ι	Joint Offset			
Distance:	3.8 ft. iset - Joint Offset	Second I	9			
		in the Pipe				
Clock fro Clock 300 Estil	110 C		Here and the second sec			
Reikta ja	1					
	- 14		To the second se			
	1		1993			
A VELES	E		101			
and the second						
	A CARLON					

11.6 ft. D / Joint Offset



Distance	Dir. Length	From/T	o Code	Modifier/Severity	Rating	Comments
19.7 ft.	D	1	Joint			
Distance Joint - Clock fr Clock to Rating:			A			
L.C.						

28.1 ft. D / Joint Offset



CARDENESS AND A DEPENDENCE

36.2 ft. D / Joint Offset



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
44.3 ft.	D	1	Joint Offset			
Distance Teint Of	:44.3 ft. fset - Joint Offset	P in the Dire				
Clock fr		t in the sipe	E. Lev			
Clock to						
Ratiry		15				
			n.			
			6.5			

52.4 ft. D / Joint Offset



60.6 ft. D / Joint Offset



Misaligned

Distance	Dir. Length	From/T	o Code	Modifier/Severity	Rating	Comments
68.7 ft.	D	1	Joint Offset			
Distance	:68.7 ft.		Ă.			
	fset - Joint Offse	t in the Pipe				
Clock fr Clock Go Racing:	2 112		455			
RECITO						
		N. S.				
	and the second					
	and the state	-				
	A CARE A		Letter of			

76.9 ft. D / Joint Offset

All and a second second



84.9 ft. D / Joint Offset



Distance	Dir. Length	From/T	o Code	Modifier/Severity	Rating	Comments
93.1 ft.	D	1	Joint Offset			
Distance Joint Of	:9311 ft. fset - Jjint Offset	: in the Pip	A			
Clock fr Clock to Reting:						
Return						
	41					
	A					
	W. Labor above					

101.2 ft. D / Joint Offset



101.2 ft. D 12 / 3 Joint - Gasket



Distance Dir. Length	From/To Code	Modifier/Severity	Rating Comments
109.3 ft. D	/ Joint Offset		
Distance:109.3 ft	A		
Joint Offset - Juint Offset	in the Pipe		
Clock fram: Clock bo: Bating:	No. of Concession, Name		

109.3 ft. D 12 / 2 Joint - Gasket



117.5 ft. D / Joint



Distance Dir. Length	From/T	o Code	Modifier/Severity	Rating	Comments
25.6 ft. D	1	Joint Offset			
Distance:125.6 ft.	and the state	P			
Distance:125.6 ft. Joint Offset - Joint Offs	set in the Pip	ŧ.			
Clock fromp Clock to: Rating:		Sec.			
Ratings		ADD.			

125.6 ft. D 12 / 1 Joint - Gasket



133.6 ft. D / Joint Offset



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
141.9 ft.	D	1	Joint	·		
Distancé Joint – Chock fr Chock to Ratific:	2141.9 ft.					

149.9 ft. D / Joint Offset



158.0 ft. D / Joint Offset



istance Dir. Leng	th From/T	o Code	Modifier/Severity	Rating	Comments
66.3 ft. D	1	Joint Offset			
Distance:166.3 ft.	Section 1	P			
Joint Offset - Joint O	fiset in the Pip	e			
Clock froms Clock Bas Retings		10.0			
		1.000			
AND AND		1.000			
		1928			
		1.000			





182.5 ft. D / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
190.6 ft.	D	1	Joint Offset			
Distance	190.6 ft.	A				
Joint Of	190.6 ft. iset - Joint Offset	in the Pipe				
	Mil					
Clock to: Rating:			100			
		1 June				
		and a start				
	all all					
	a superior					
	A CARLEN					

198.9 ft. D / Joint Offset



207.1 ft. D / Joint Offset



Misaligned

Distance Dir. Length From/To Code	Modifier/Severity	Rating Comments
215.1 ft. D / Joint Offset		
Distance:215.1 ft. Joint Offset - Joint Offset in the Pipe		
Clock Egeme		



223.2 ft. D / Joint Offset



223.2 ft. D 5 / Broken



Chip

Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
231.4 ft.	D	1	Joint			
Distance Joint - Clock fr Clock to Rating:	231.4 ft.		A			





239.5 ft. D 2 / Broken



Distance	Dir. Length	From/T	Code	Modifier/Severity	Rating	Comments
247.9 ft.	D	1	Joint Offset			
Distance:	247.9 ft. set - Joint Offset	in the Dire	100			
		IN CHE FID				
Check for Alcek mon Hatitj						
	P					
			(Bala)			
	and he	1.5				





263.9 ft. D / Joint Offset





280.2 ft. D / Joint Offset



288.4 ft. D / Joint Offset



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
288.4 ft.	D	5 /	Broken			
Distance: Broken - Clock Hat Bating:	200.4 ft: mar 5 p elloge					

296.5 ft. D / Joint Offset



304.6 ft. D / Joint Offset



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
313.1 ft.	D	1	Joint Offset			
		a last a la				
Joint Off	313.1 ft. set - Joint Offset	in the Pipe	A			
Clock Ese Close 653 Resing:	m					
Pacing:			Sec. 1			
			Warden and			
and the second	AND ENT		and the second sec			

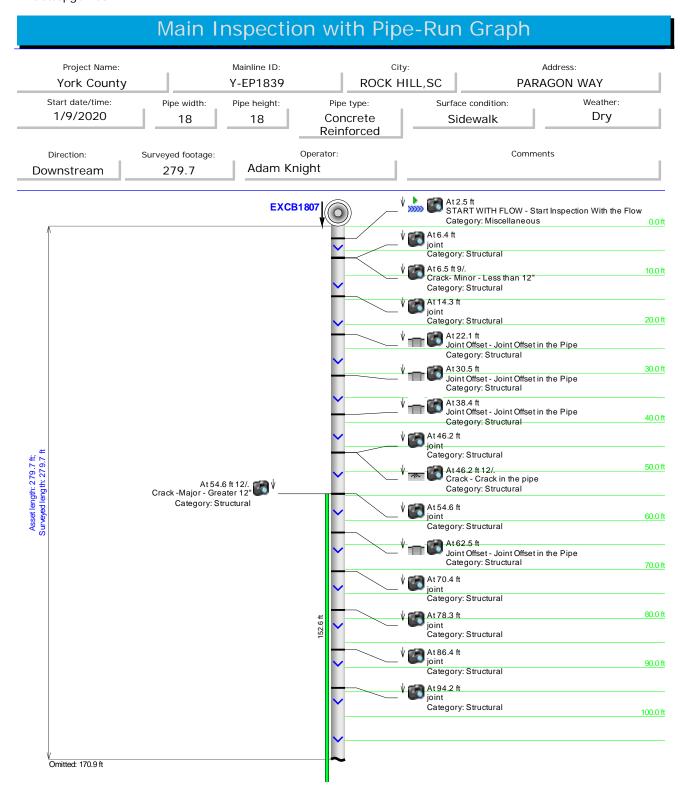
321.4 ft. D / End of Pipe

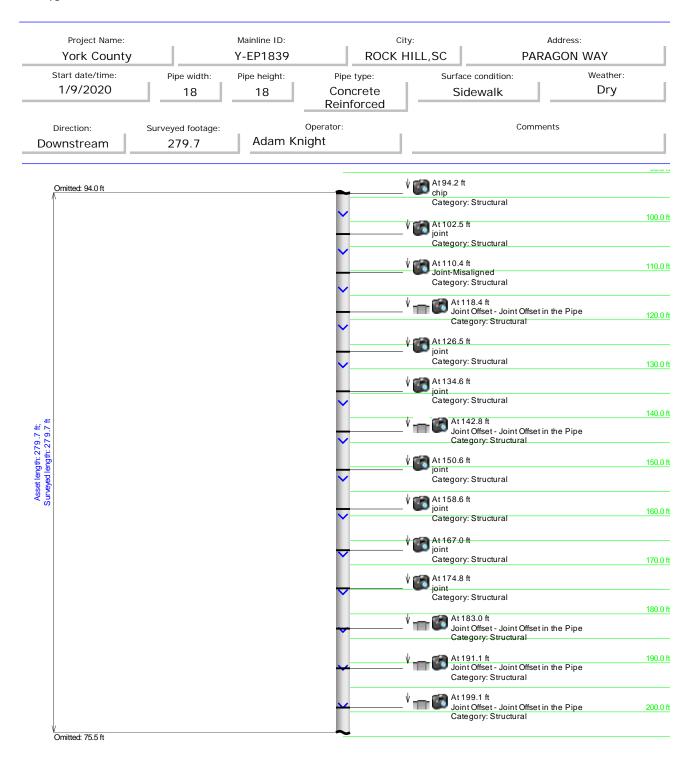


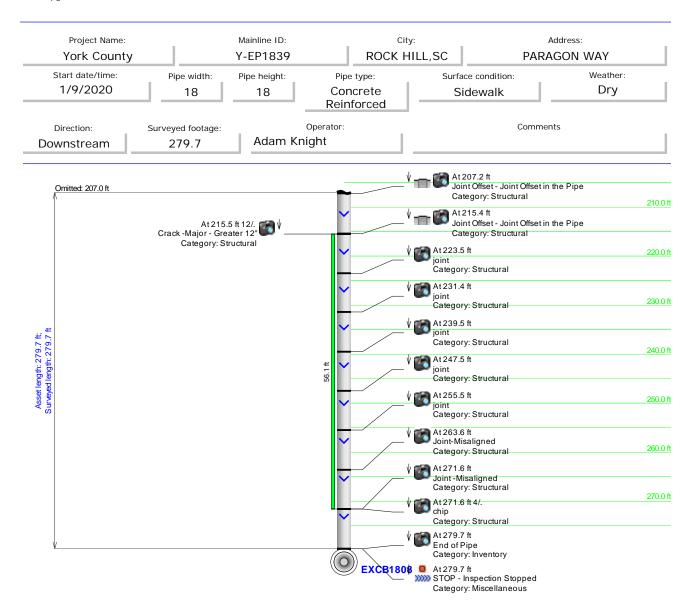
Inspection's photos

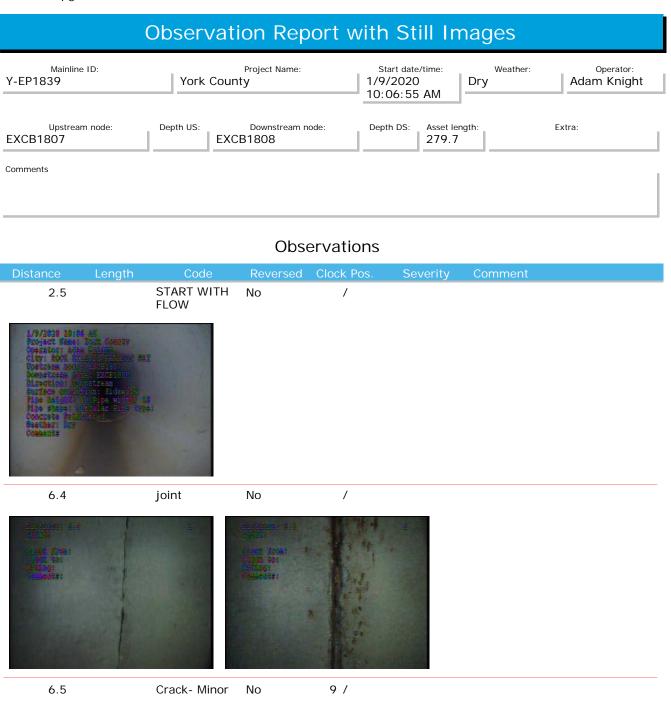


EP-1839

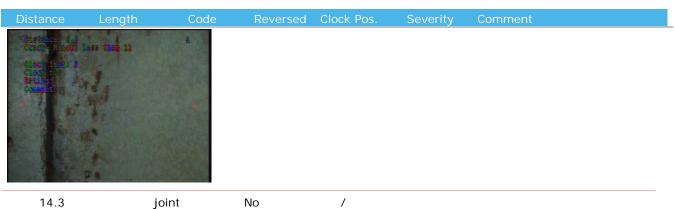








Observations



/

/

14.3

joint



22.1 Joint Offset No



30.5

Joint Offset No

Observations with Still Images

Tuesday, January 14, 2020 10:05 AM

Observations



38.4

Joint Offset





/

46.2

joint

No

No



46.2

Crack

12 /

Observations with Still Images

Tuesday, January 14, 2020 10:05 AM

Page 3 of 15

Observations



54.6

joint



No



54.6 152.6 Crack - Major No 12 /



62.5 Joint Offset No

Observations with Still Images

Tuesday, January 14, 2020 10:05 AM

/

Observations



70.4

joint





/

78.3

joint

No



Observations with Still Images

86.4

joint



No

Tuesday, January 14, 2020 10:05 AM

/

Observations



94.2

joint





/

94.2 chip No



102.5

joint

/

No

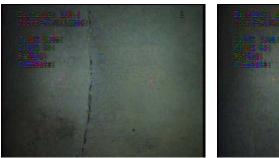
Observations with Still Images

Tuesday, January 14, 2020 10:05 AM

Observations



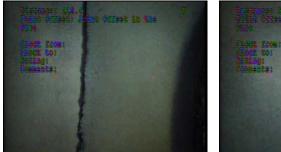
110.4 Joint-Misalign No / ed





/

118.4 Joint Offset No



126.5

joint



/

No

Observations with Still Images

Tuesday, January 14, 2020 10:05 AM

Page 7 of 15

Observations



134.6

joint





142.8 Joint Offset No



150.6



/

/

joint No

Observations with Still Images

Observations



158.6

joint







/

/

167.0





174.8 joint No

Observations with Still Images

Tuesday, January 14, 2020 10:05 AM

Page 9 of 15

Observations



183.0

Joint Offset





/

191.1 Joint Offset No





Joint Offset



/

No

Observations with Still Images

Tuesday, January 14, 2020 10:05 AM

Page 10 of 15

Observations



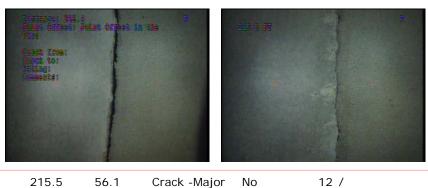
/

207.2

Joint Offset



215.4 Joint Offset No



215.5 56.1 Crack -Major No

Observations with Still Images

Tuesday, January 14, 2020 10:05 AM

Page 11 of 15

Observations



/

223.5

joint

No

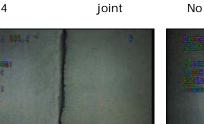




/

231.4

joint





/

239.5 joint

Observations with Still Images

No

Tuesday, January 14, 2020 10:05 AM

Observations



247.5

joint





/

/

255.5

joint

No





263.6

Joint-Misalign No ed

Observations with Still Images

Tuesday, January 14, 2020 10:05 AM

Page 13 of 15

Observations





Joint -Misaligned





271.6 chip 4 / No



279.7 End of Pipe No

Observations with Still Images

Tuesday, January 14, 2020 10:05 AM

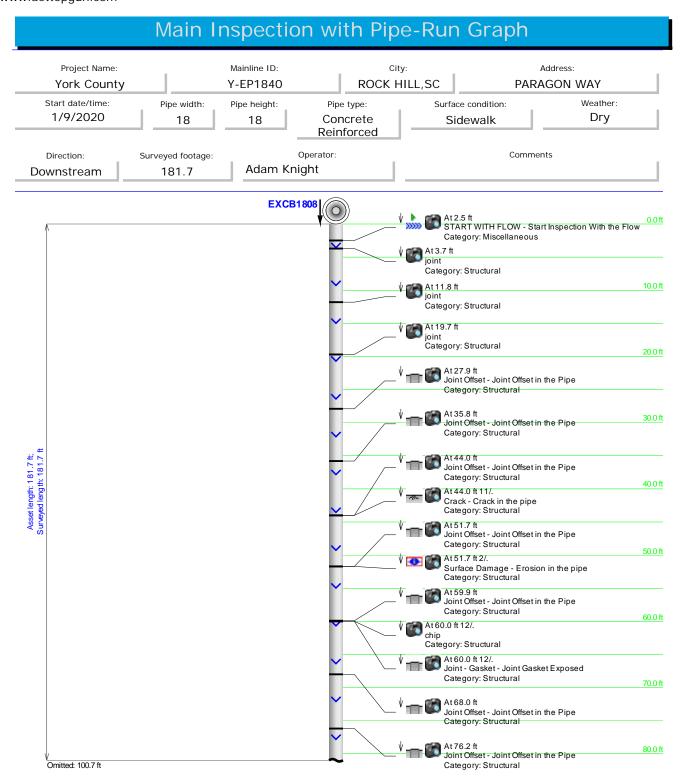
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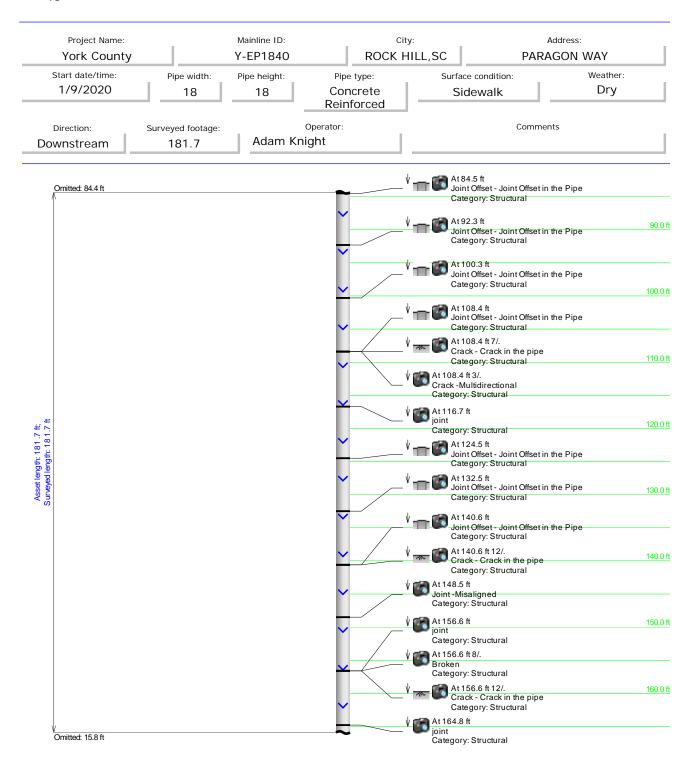
Page 14 of 15

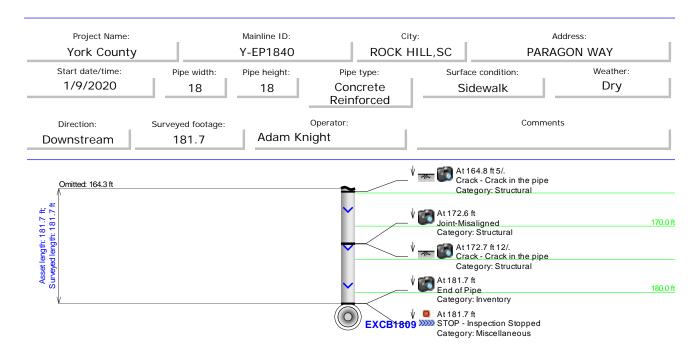
Observations

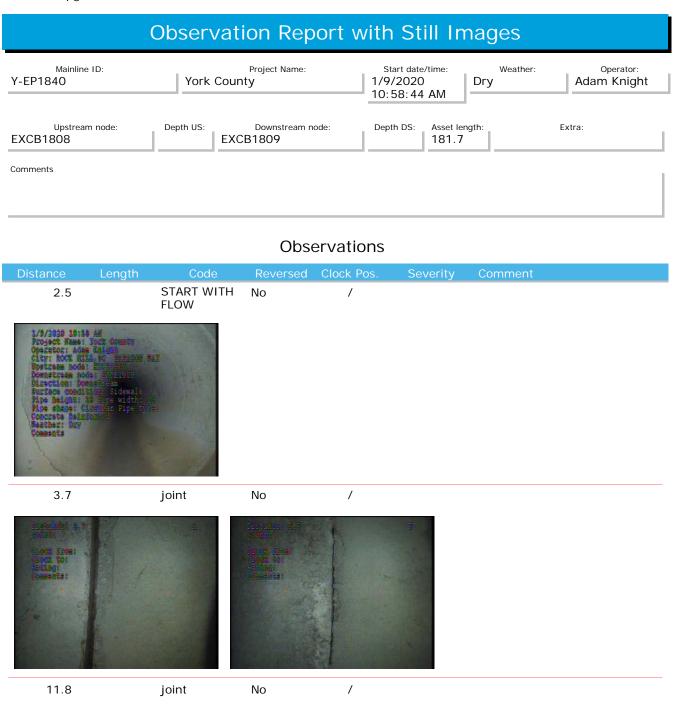


EP-1840









Observations



19.7

joint







/

/

27.9 Joint Offset No





35.8 Joint Offset No

Observations with Still Images

Tuesday, January 14, 2020 10:25 AM

Page 2 of 12

Observations



44.0

Joint Offset





/

44.0 Crack No 11 /



Observations with Still Images

51.7 Joint Offset No

Tuesday, January 14, 2020 10:25 AM

Page 3 of 12

Observations



51.7

Surface Damage



59.9 Joint Offset / No



60.0

chip

12 /

No

Observations with Still Images

Tuesday, January 14, 2020 10:25 AM

Page 4 of 12

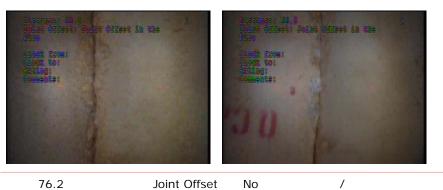
Observations



60.0 12 / Joint - Gasket No



68.0 Joint Offset No /



76.2 Joint Offset No

Observations with Still Images

Tuesday, January 14, 2020 10:25 AM

Observations



Observations with Still Images

Tuesday, January 14, 2020 10:25 AM

Observations



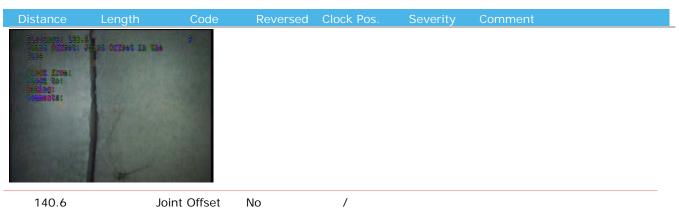
Observations with Still Images

Tuesday, January 14, 2020 10:25 AM

Page 7 of 12



Observations





140.6 Crack No 12 /



148.5

Joint -Misaligned

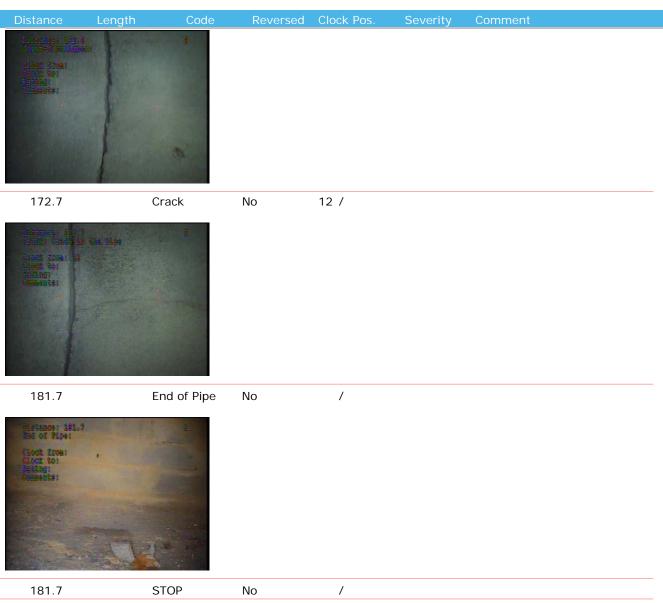
Observations with Still Images

Tuesday, January 14, 2020 10:25 AM

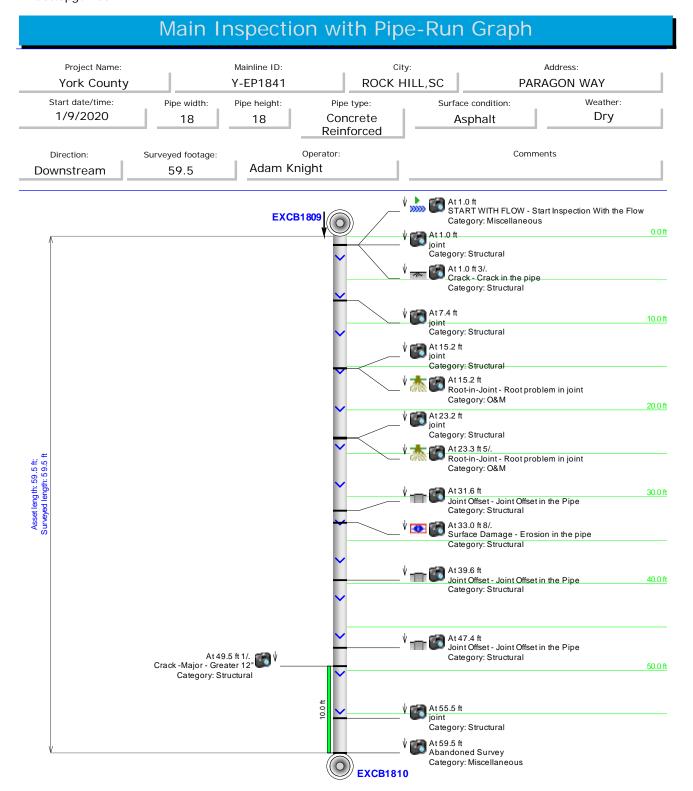
Page 9 of 12

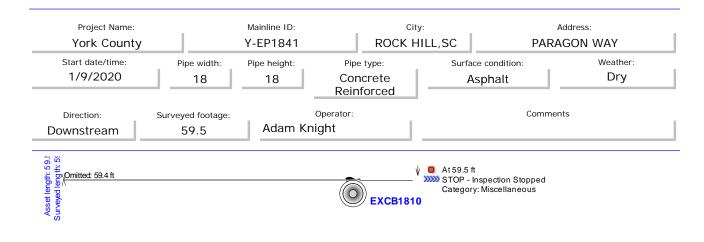


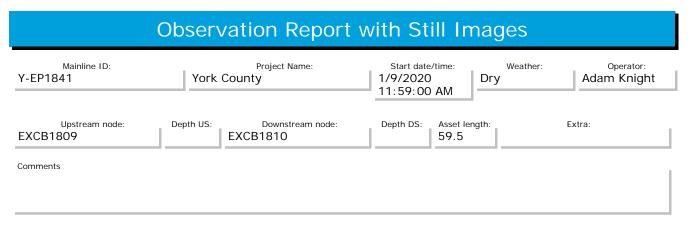




EP-1841







Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment
1.0		START WITH FLOW	No	/		
1/9/2020 11/5 Project Same: Operator: Ada City: NOCE 202 Upt: NOCE 202 Disector: Do Fuzicae condi- Bioe Indicate Condi- Condicate Condi- Cond	AN Tock County Enight 20,60 9424000 842 ExC21809 6: EXC21800 6: ExC218000 7: ExC21800 7: ExC218000 7: ExC218000 7:					
1.0		joint	No	/		
distansis 3x0 silasi Gless Soai Siclayi Siclayi Siclayi						
1.0		Crack	No	3 /		

Observations

Observations with Still Images

Tuesday, January 14, 2020 10:32 AM

Observations

Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment			
Distanger 1.8 Czect: Csect in Clock Scon: 3 Clock for Bating: Commande:	the place								
7.4	jo	pint	No	/					
Distance: 7-8 Juli: Ting: 72380 Lig: 744 Barlon: Timestan		2							
15.2	jo	pint	No	/					
Listande: 15.3 1500: Lista 1398: Pise: Por 1980: Por 1980: Por 1981: Por 198									
15.2	R	oot-in-Joint	No	/					

Observations with Still Images

Tuesday, January 14, 2020 10:32 AM

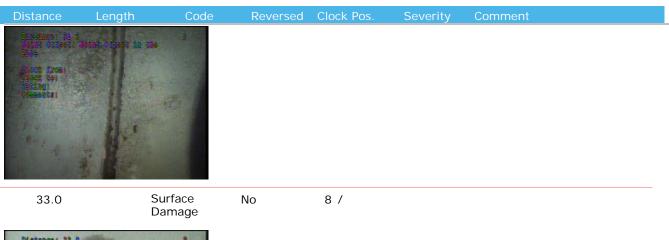
Observations



Observations with Still Images

Tuesday, January 14, 2020 10:32 AM

Observations





39.6 Joint Offset No /



47.4 Joint Offset No

Observations with Still Images

Tuesday, January 14, 2020 10:32 AM

/

Observations



49.5 10.0 Crack - Major No 1 /





/

55.5 joint No



59.5

Abandoned Survey

No

/

TOO DEEP IN WATER

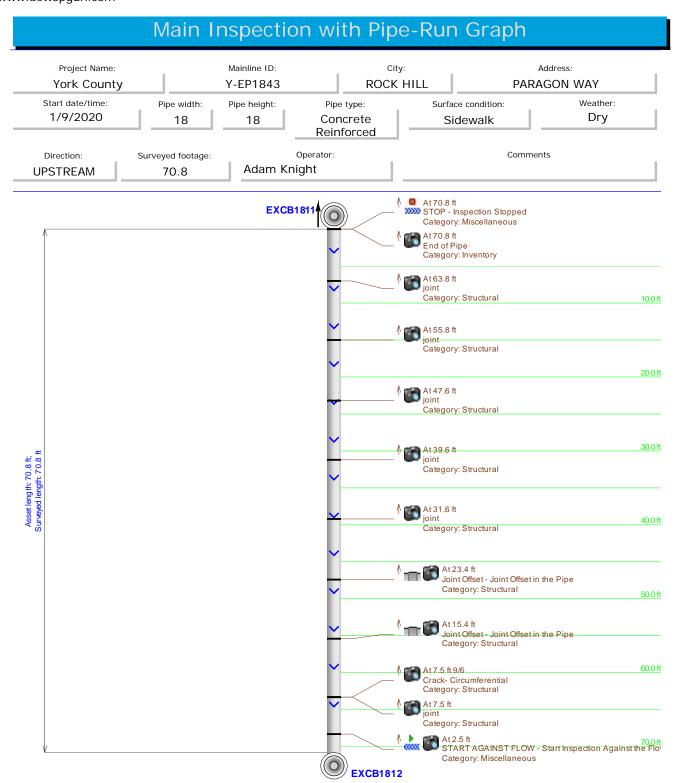
Observations with Still Images

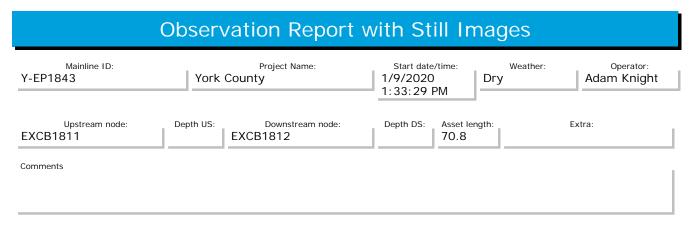
Tuesday, January 14, 2020 10:32 AM

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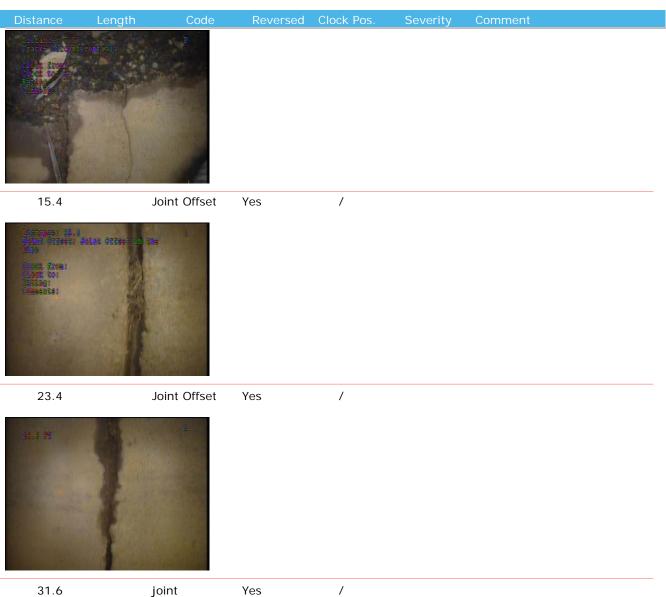
EP-1843





			0030			
Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment
2.5		START AGAINST FLOW	Yes	/		
L/9/3020 1:33 Project Hime: Oparstor: Ada Ostrato Donastrato Donastrato Burgare Burgare Supe shele: Concorte Head New Head Concorte Head New Head Concorte Head	9N Sock Country Enlogy Enlogy Internet	2				
7.5		joint	Yes	/		
Dietanest 7.5 gistik: Elset grout Joet bet Beklagt Dometitet						
7.5		Crack- Circumferenti al	Yes	9/6		

Observations



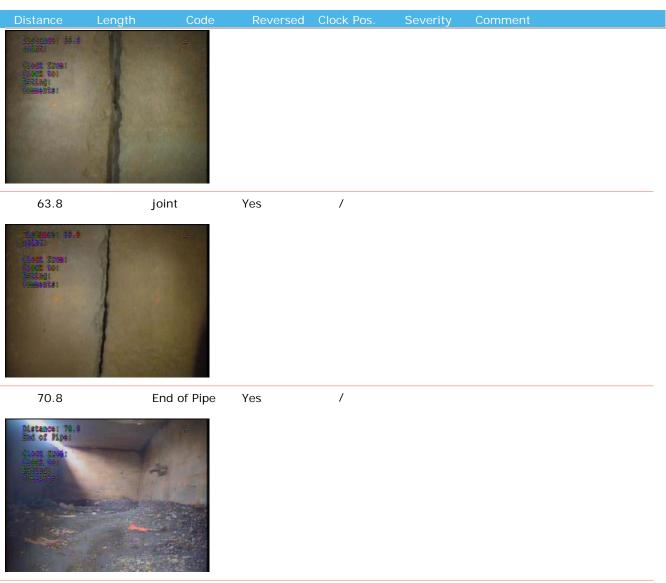
Observations with Still Images

Tuesday, January 14, 2020 10:37 AM

Page 2 of 4



Observations

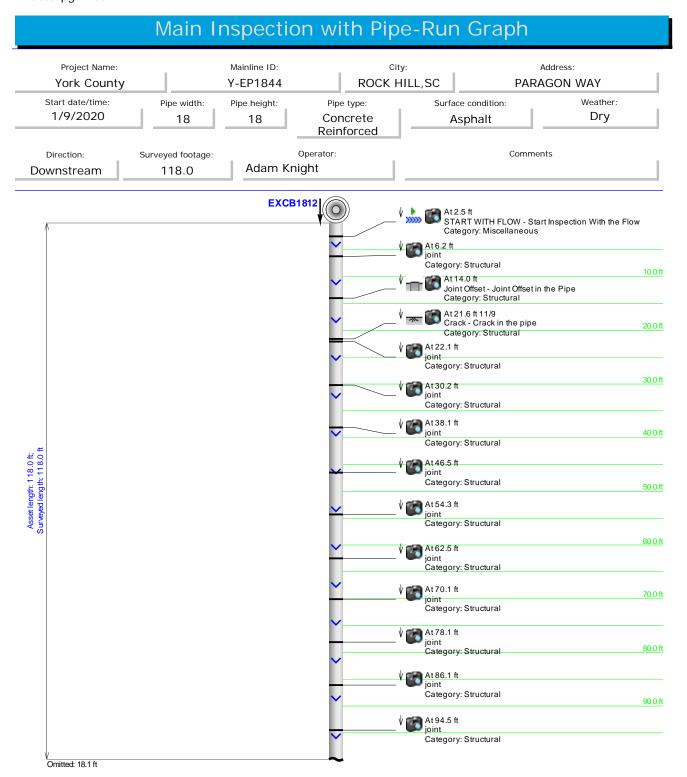


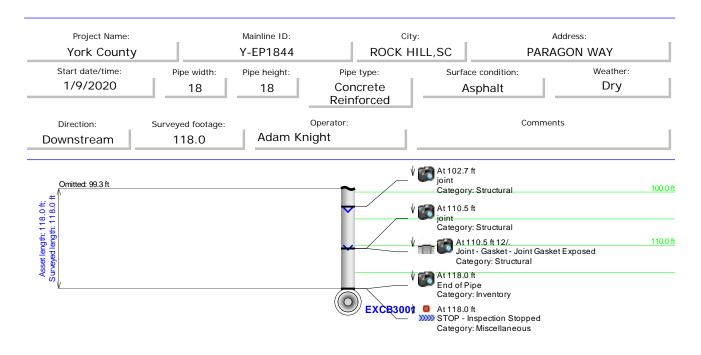
70.8 STOP Yes /

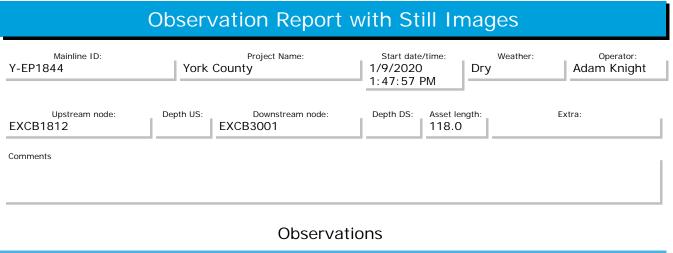
Observations with Still Images

Tuesday, January 14, 2020 10:37 AM

EP-1844



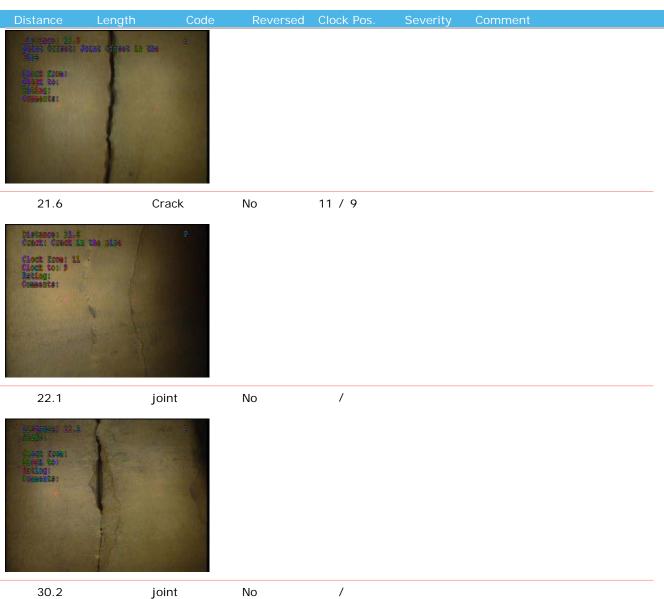




Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment
2.5		START WITH FLOW	No	/		
1/9/2020 1147 Szołacz Hamai Operatorski Ada Cisyi Rock Ji Uperatorski Rock Duwestowi Duwestowi Disectioni Si Stor Rock Ji Sige Rhadina Sige Rhadina Sige Rhadina Concesse data Desethori Bar Commente	N Jost County Jost County Allow And County Tax Transled T	,				
6.2		joint	No	/		
CLOSE SCORE (JOLAR) CLOSE SCOR (JOCE SCOL BEELING) Comments:						
14.0		Joint Offset	No	/		

Observations with Still Images

Observations



Observations with Still Images

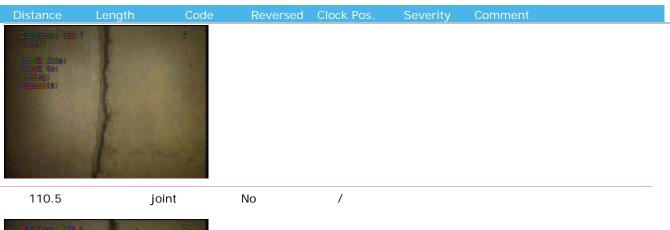
Tuesday, January 14, 2020 10:42 AM

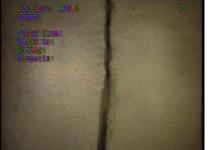




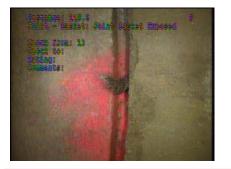


Observations





110.5 Joint - Gasket No 12 /



118.0 End of Pipe No

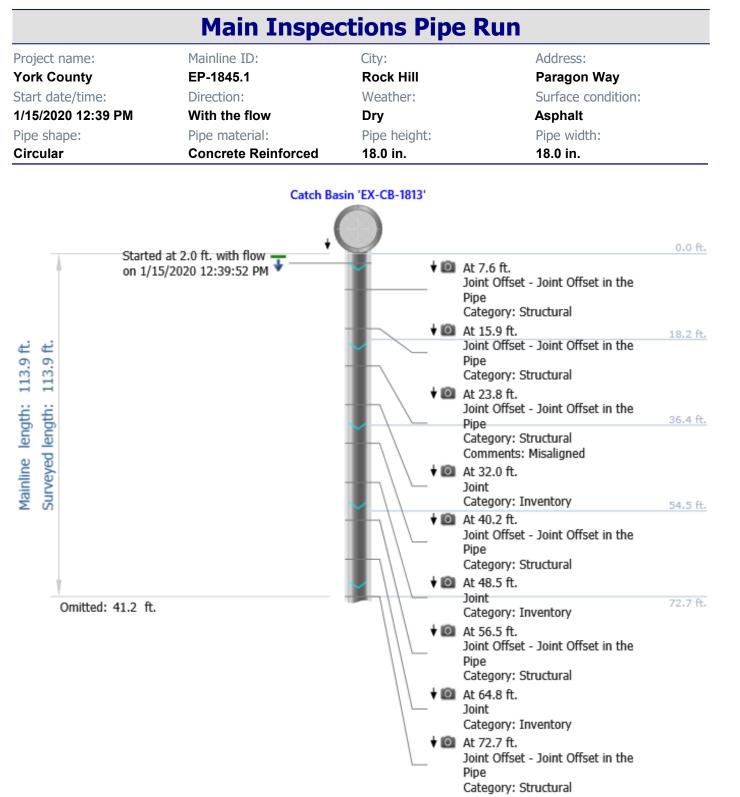
Observations with Still Images

/

Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment	
Distance: 110. End of Pipe:		B					
Clock 2001 Clock 701 Restrict							
118.0		ГОР	No				

EP-1845.1









Main Inspections Small Photos

Mainline ID:	City:	Address:	Project name:
EP-1845.1	Rock Hill	Paragon Way	York County
Start date/time:	Asset length:	Weather:	Operator:
1/15/2020 12:39 PM	113.9 ft.	Dry	Chance
Upstream node:	Depth US:	Downstream node:	Depth DS:
EX-CB-1813		EX-CB-2410	
Pipe shape:	Pipe material:	Pipe height:	Pipe width:
Circular	Concrete Reinforced	18.0 in.	18.0 in.
Comments:			

Observations

Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
7.6 ft.	D	Ι	Joint Offset			
Distance	7.6 ft. fset - Jeint Offset	A	Sec.			
	CHARGE AND A CONTRACT OF CONTRACT	: in the Pipe				
Clock fr Clock Be Ratify:			12			
Katelije		-				
	and the		U CA			
	Bar King					
and the se						

15.9 ft. D / Joint Offset



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
3.8 ft.	D	Ι	Joint Offset			Misaligned
Distance	-11 1 Fr	and the second	A			
Joint Of	133.8 ft. Iset - Joint Offset					
clock far clock so Rating		-				
Ratur			1000			
Misalago	ad a state of the state of the	Y	198			
	•		100			
	Contraction of the	100.000	1988			
	and the second second	011	100			
	TRANSPORT OF A		1000			
	Republication N		1.000			



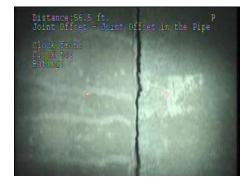


40.2 ft. D / Joint Offset

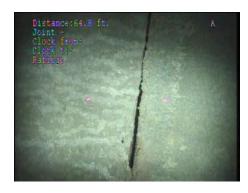


Distance	Dir. Length	From/To	Code	Modifier/Severity Rating Comments
48.5 ft.	D	Ι	Joint	
Distance Joint - Clock for Clock to Rating:	:49.5 ft.	Ĩ		

56.5 ft. D / Joint Offset



64.8 ft. D / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
72.7 ft.	D	1	Joint Offset			
Distance:	72.7 Et.	I CONTRACTOR	A			
	71.7 fm. Set - Joint Offset		and an and			
Clock for Clock to: Ratio						
			1			
	1		1			
			1980			





89.0 ft. D / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
97.2 ft.	D	1	Joint			
Distance: Joint - Clock fro Clock to Rating:	:97.2 ft.					





113.9 ft. D / End of Pipe



Inspection's photos



EP-1846



_ _ _

AET Services, LLC 623 Rices Creek Road Liberty, SC 29657 2504 River Road Piedmont, SC 29673 844-8TOPGUN

	Main Inspe	ctions Pipe	e Run
Project name: York County	Mainline ID: EP-1846	City: Rock Hill	Address:
Start date/time:	Direction:	Weather:	Surface condition:
1/15/2020 10:37 AM	Against the flow	Dry	Other
Pipe shape:	Pipe material:	Pipe height:	Pipe width:
Circular	Concrete Reinforced	18.0 in.	18.0 in.
	Catch Ba	asin 'EX-CB-1814'	
Stonned at 1	15.1 ft. against flow 🛖 🕴	O + ∅	At 115.1 ft.
on 1/15/202	0 10:55:22 AM	+ @	Category: Inventory At 111.2 ft. Joint Offset - Joint Offset in the
Jth: 115.1 Jth: 115.1		+ 0	Pipe Category: Structural At 103.1 ft. Joint Offset - Joint Offset in the
Mainline length: Surveyed length:		+ @	Pipe Category: Structural At 94.9 ft. Joint Offset - Joint Offset in the 39.5 f
Sun			Pipe Category: Structural At 86.8 ft. Joint
Omitted: 62.4 ft.		_ ↑ @	Category: Inventory 52.7 At 78.7 ft. 7/8 Broken Category: Structural
		+ ⊠	At 78.6 ft. Joint Offset - Joint Offset in the Pipe Category: Structural
		_ ↑ ©	At 70.8 ft. Joint Offset - Joint Offset in the

Pipe

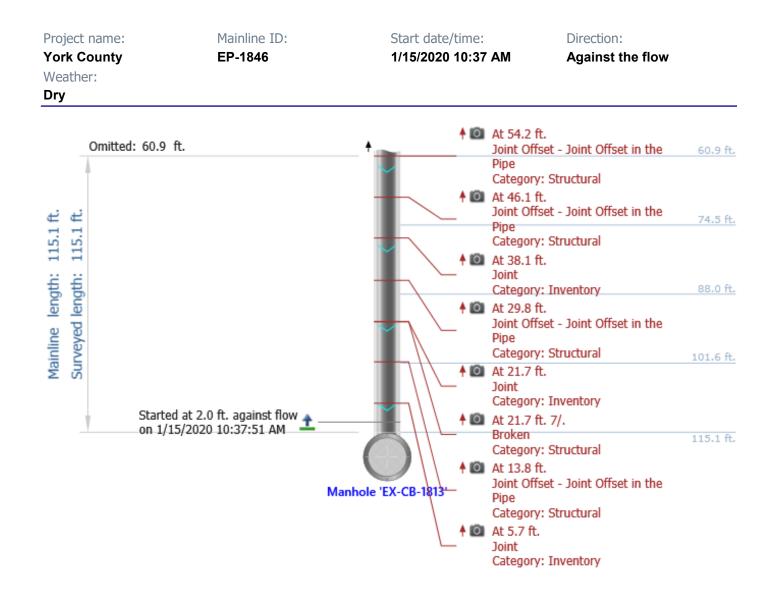
🕈 🔯 At 62.4 ft.

Pipe

Category: Structural

Category: Structural

Joint Offset - Joint Offset in the





Main Inspections Small Photos

Mainline ID:	City:	Address:	Project name:
EP-1846	Rock Hill		York County
Start date/time:	Asset length:	Weather:	Operator:
1/15/2020 10:37 AM	115.1 ft.	Dry	Chance
Upstream node:	Depth US:	Downstream node:	Depth DS:
EX-CB-1814		EX-CB-1813	
Pipe shape:	Pipe material:	Pipe height:	Pipe width:
Circular	Concrete Reinforced	18.0 in.	18.0 in.
Comments:			

Observations

Distance	Dir. Length	From/To	o Code	Modifier/Severity	Rating	Comments
5.7 ft.	U	Ι	Joint			
Distance: Joint - Clock fre Clock to: Rating	5.7 ft.		A			

13.8 ft. U / Joint Offset



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
21.7 ft.	U	1	Joint			
Distance	:21.7 ft.		P			
Joint - Clock in Clock to Rating:						
Ratings						
Sec. Par	1000					
10000						

21.7 ft. U 7 / Broken



29.8 ft. U / Joint Offset



Distance	Dir. Length	From/T	o Code	Modifier/Severity	Rating	Comments
38.1 ft.	U	1	Joint			
Distance Joint - Clock fo Clock fo Raudng	:38.1 ft.		P			

46.1 ft. U / Joint Offset



54.2 ft. U / Joint Offset



Distance [Dir. Length	From/To	o Code	Modifier/Severity	Rating	Comments
62.4 ft. l	U	1	Joint Offset			
Distance (6)		a la companya da series de la companya de la	D			
	2.4 ft et - Jourt Offse	t in the Pipe				
Clock dama Clock box Reting:	State of the second sec		10. T			
			100			
	Sector and					

70.8 ft. U / Joint Offset



78.6 ft. U / Joint Offset



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
78.7 ft.	U	7 / 8	Broken			
Alstense Arsona - Glock Sa Clock Sa Rafilagi	179.7 ES. Set 7 o Eldok 10 o alpaz	٨				





94.9 ft. U / Joint Offset



Distance Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
103.1 ft. U	Ι	Joint Offset			
Distance:103.1 ft. Joint Offset - Joint Offset	P				
A REAL PROPERTY AND A REAL	in the Pipe				
Clock Gome Clock Gos Raving:					

111.2 ft. U / Joint Offset



115.1 ft. U / End of Pipe



Inspection's photos



EP-1847



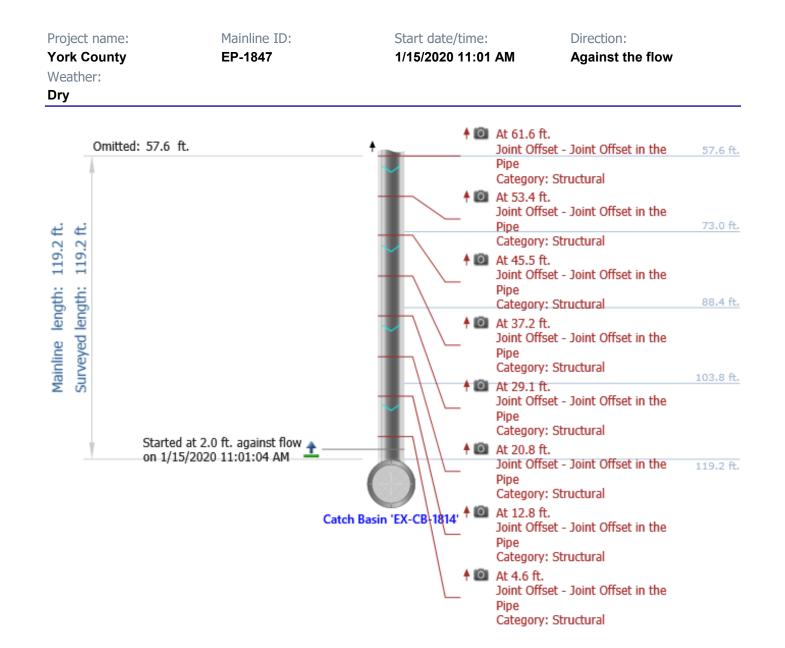
🛉 🔟 At 69.8 ft.

Pipe

Joint Offset - Joint Offset in the

Category: Structural

	Main Inspe	ctions Pip	e Run	
Project name:	Mainline ID:	City:	Address:	
York County	EP-1847	Rock Hill	Paragon Way	
Start date/time:	Direction:	Weather:	Surface condition:	
1/15/2020 11:01 AM	Against the flow	Dry	Other	
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	18.0 in.	18.0 in.	
	Catch Ba	sin 'EX-CB-1815'		
Stopped at 1	19.2 ft. against flow		At 119.2 ft. End of Pipe	0.0 ft.
on 1/15/2020	0 11:16:10 AM 🔭	\sim	Category: Inventory	
i i i i i i i i i i i i i i i i i i i		+ 🖸	T At 110.9 ft. 9/.	
119.2 ft. 119.2 ft.			Crack - Crack in the pipe Category: Structural	12.4 ft
		+0	At 110.4 ft. Joint Offset - Joint Offset in the	24.7 ft.
Mainline length: Surveyed length:			Pipe Category: Structural	
			At 102.4 ft.	
eye			Joint Offset - Joint Offset in the	37.1 ft.
urv			Pipe	
ΣŌ			Category: Structural	
			At 94.2 ft. Joint	
Omitted: 69.8 ft.			Category: Inventory	49.4 ft.
		↑ ©	At 86.0 ft. Joint Offset - Joint Offset in the Pipe	
			Category: Structural	
		🕈 🔟	At 77.9 ft.	
			Joint Offset - Joint Offset in the Pipe	
		11	Category: Structural	
		↓ I©	At 77.9 ft. 1/.	
		1 -	Broken	
			Category: Structural Comments: Chip	





Main Inspections Small Photos

Mainline ID:	City:	Address:	Project name:
EP-1847	Rock Hill	Paragon Way	York County
Start date/time:	Asset length:	Weather:	Operator:
1/15/2020 11:01 AM	119.2 ft.	Dry	Chance
Upstream node:	Depth US:	Downstream node:	Depth DS:
EX-CB-1815		EX-CB-1814	
Pipe shape:	Pipe material:	Pipe height:	Pipe width:
Circular	Concrete Reinforced	18.0 in.	18.0 in.
Comments:			

Observations

Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
4.6 ft.	U	Ι	Joint Offset			
Distance:	4.6 ft. Set - Joint Offset	A Sugar A				
	BURNESS ETTERATION	in the Pipe	1			
Clock is Clock to Clock to Reting:						
		NO. A	V (1)			
Jos Ballin		2-11-51				
	and the lot of the		19			
		and the star				

12.8 ft. U / Joint Offset



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
0.8 ft.	U	1	Joint Offset			
Distance	on a ft	1				
	20.8 ft. Iset - J <mark>ei</mark> nt Offset	in the Pipe				
Clock fac Clock tac Rating -						
tsting-	1		1			
1	A Contraction					
	1					
	į					
	States and the second sec					

29.1 ft. U / Joint Offset



37.2 ft. U / Joint Offset



Distance	Dir. Lengt	th From/T	o Code	Modifier/Severity	Rating	Comments
45.5 ft.	U	1	Joint Offset			
Distance Joint Of	: 45.5 ft. Galt - June D	ffset in the Pip	P			
olest si clost si hetagi						
3261201						
	Sec. No.					
	Market State					

53.4 ft. U / Joint Offset



61.6 ft. U / Joint Offset



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
69.8 ft.	U	1	Joint Offset			
Distance:	69.8 ft.	p				
	69.8 ft set - Joint Offset	in the Pipe				
Clock to: Clock to: Retling:			4			
KENELING S	and state		100			
			S.C.			
	Contraction of the		6277 -			

77.9 ft. U / Joint Offset







Chip

6.0 ft. U				· · · · ·	Rating	Comments
	1	/ Joir	t Offset			
		1				
Joint Offices -	Joint Offset in the	Pipe				
Clock Scone Clock Bas Retainer						
Beitun 30						
	1					
		Contraction of the				

94.2 ft.	U	1	Joint
----------	---	---	-------



102.4 ft. U / Joint Offset



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
110.4 ft.	U	1	Joint Offset			
in the second						
	1					
		國和意				
		110.2 82				





119.2 ft. U / End of Pipe



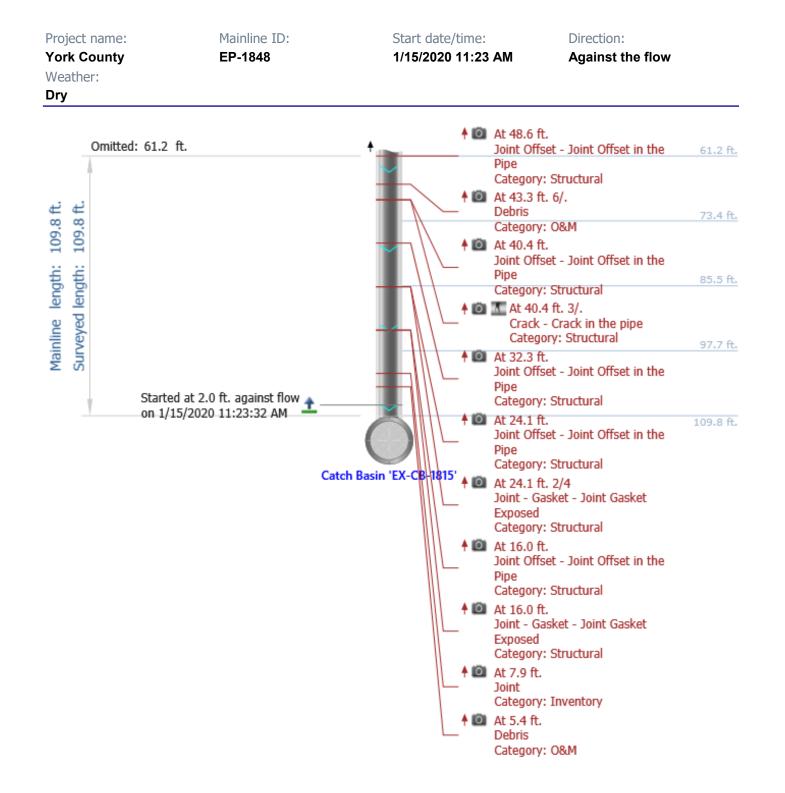
Inspection's photos



EP-1848



	Main Inspec	ctions Pipe	e Run
Project name:	Mainline ID:	City:	Address:
York County	EP-1848	Rock Hill	Paragon Way
Start date/time:	Direction:	Weather:	Surface condition:
1/15/2020 11:23 A	M Against the flow	Dry	Other
Pipe shape:	Pipe material:	Pipe height:	Pipe width:
Circular	Concrete Reinforced	18.0 in.	18.0 in.
	Catch Ba	sin 'EX-CB-1816'	
Stopp	ed at 109.8 ft. against flow 🛖	A 10	At 109.8 ft. 0.0 ft.
	15/2020 11:39:18 AM	+ (0)	End of Pipe Category: Inventory At 105.6 ft.
109.8 ft. 109.8 ft.			Joint Offset - Joint Offset in the Pipe 13.3 ft.
			Category: Structural At 97.5 ft.
Mainline length: Surveyed length:			Joint Offset - Joint Offset in the Pipe 26.5 ft. Category: Structural
e le ed le		♦	At 89.4 ft.
inlin rvey			Joint Offset - Joint Offset in the Pipe 39.8 ft.
Su			Category: Structural Comments: MISALIGNED
1			At 86.3 ft. 6/. Debris
Omitted: 5	6.8 ft.		Category: O&M 53.0 ft. At 81.3 ft.
			Joint Offset - Joint Offset in the Pipe
		+ 🖾	Category: Structural At 73.2 ft. Joint Offset - Joint Offset in the
			Pipe Category: Structural
		_ ↑ ©	At 65.0 ft. Joint Offset - Joint Offset in the Pipe
		+ 10	Category: Structural At 56.8 ft. Joint Offset - Joint Offset in the





Main Inspections Small Photos

Mainline ID:	City:	Address:	Project name:	
EP-1848	Rock Hill	Paragon Way	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/15/2020 11:23 AM	109.8 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EX-CB-1816		EX-CB-1815		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	18.0 in.	18.0 in.	
Comments:				

Observations

Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
5.4 ft.	U	1	Debris			
Distance Debris - Clock fr Clock to Rating:	:5.4 ft.					

7.9 ft. U / Joint



			0.000			
Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
16.0 ft.	U	Ι	Joint Offset			
Distance Joint Off	16.0 ft. Set - Joint Offset	p t in the Pipe				
Clock for Clock Ga Rating:						

16.0 ft. U / Joint - Gasket



24.1 ft. U / Joint Offset



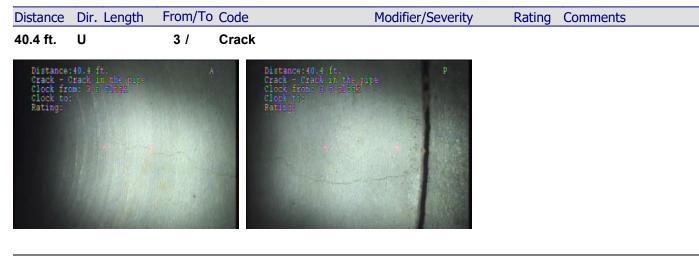
Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
24.1 ft.	U	2/4	Joint - Gasket			
Distance: Joint - C Clock for Clock to: Rating:	24.1 ft. Jackst - Joant Gask 19 e slock 19 e slock	et Exposed	A			

32.3 ft. U / Joint Offset



40.4 ft. U / Joint Offset









48.6 ft. U / Joint Offset



Distance	Dir. Length	From/T	o Code	Modifier/Severity	Rating	Comments
56.8 ft.	U	1	Joint Offset			
Distanse	156 P 64		P			
	186.: 69. Iste - Jelan Officer	in the Bipe				
Cleek 83 Cleek 80 Cleek 80 Catlog:	9-00 S					
NEIGENDIS						
	A CAR		100			
	~ 1		100			
	Will Link		1000			

65.0 ft. U / Joint Offset



73.2 ft. U / Joint Offset



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
81.3 ft.	U	1	Joint Offset			
Distance	:81.3 ft.		×			
Joint Of	fset - Joint Offse	t in the Pipe				
Clock fa Clock fa Clock BB Reclass			100			
Reciple	N/L		100 C			
			100			
			1000			

86.3 ft. U	6 /	Debris
------------	-----	--------



89.4 ft. U / Joint Offset



MISALIGNED

Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
97.5 ft.	U	Ι	Joint Offset			
Distance			100			
	97.5 ft. 1968 - Jaint Offset	in the Pipe				
Clock Cor Clock Bot Reting:	903					
Ratings	1		ALC: N			
	and all		100			
	A CONTRACTOR		22			
	and the forthe					
	States intel		1			

105.6 ft. U / Joint Offset



109.8 ft. U / End of Pipe



Inspection's photos



EP-1849

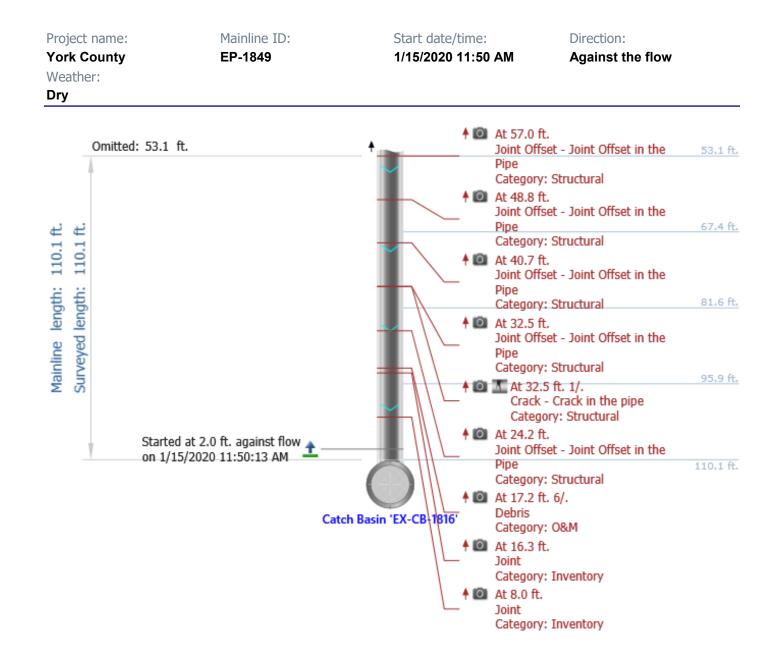


	Main Inspe	ctions Pip	e Run	
Project name:	Mainline ID:	City:	Address:	
York County	EP-1849	Rock Hill	Paragon Way	
Start date/time:	Direction:	Weather:	Surface condition:	
1/15/2020 11:50 AM	Against the flow	Dry	Other	
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	18.0 in.	18.0 in.	
	Catch Ba	isin 'EX-CB-1817'		
Stopped at 1	110.1 ft. against flow 🛖 🕴 🛉		At 110.1 ft.	0.0 ft.
	0 12:05:41 PM		End of Pipe Category: Inventory	
ਦ ਦ		A 10	At 105.8 ft.	
110.1 ft. 110.1 ft.			Joint	11.2 ft.
110.1			Category: Inventory	
		▲ ♦ 🖸	At 98.1 ft.	
ath ath			Joint Offset - Joint Offset in the Pipe	22.3 ft.
len le			Category: Structural	
e p		+0	At 89.6 ft.	
vev /			Joint Offset - Joint Offset in the	33.5 ft.
Mainline length: Surveyed length:			Pipe Category: Structural	
2 01			At 81.3 ft.	
Omitted: 65.5 ft.			Joint Offset - Joint Offset in the	44.6 ft.
Officed. 05.5 ft.		M -	Pipe	
			Category: Structural	
		^ ™	At 75.0 ft. 3/. Crack - Crack in the pipe Category: Structural	
		+ ©	At 74.0 ft. 10/. Crack - Crack in the pipe	
		111	Category: Structural	
		↑ III	At 73.3 ft.	
			Joint Offset - Joint Offset in the Pipe	
			Category: Structural	
			At 73.3 ft. 2/. Crack - Crack in the pipe Category: Structural	
		+ 10	At 65.5 ft. Joint Offset - Joint Offset in the	

Pipe

Category: Structural

Main Inspections Pipe Run





Main Inspections Small Photos

				1
Mainline ID:	City:	Address:	Project name:	
EP-1849	Rock Hill	Paragon Way	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/15/2020 11:50 AM	110.1 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EX-CB-1817		EX-CB-1816		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	18.0 in.	18.0 in.	
Comments:				

Observations

Distance	Dir. Length	From/To	Code	Modifier/Severity Rating Comments	
8.0 ft.	U	1	Joint		
Distance: Joint - Clock is: Clock is: Bating:	8.0 ft.		A		
	1 Pr				

16.3 ft. U	/ Joint	t
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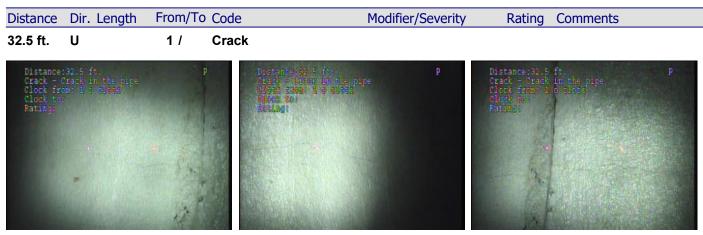
Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
17.2 ft.	U	6 /	Debris			
Distance. Debris - Clock fro Clock to: Rating:						

24.2 ft. U / Joint Offset



32.5 ft. U / Joint Offset





40.7 ft. U / Joint Offset



48.8 ft. U / Joint Offset



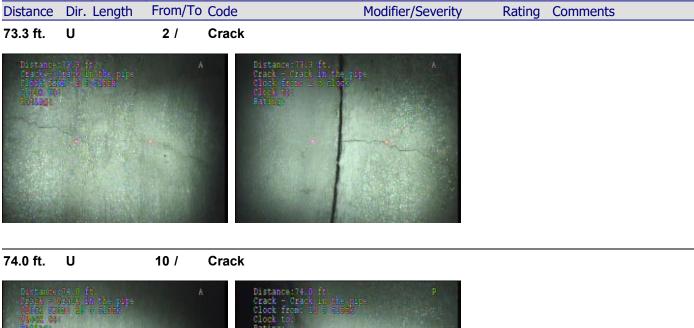
Distance	Dir. Length	From/T	o Code	Modifier/Severity	Rating	Comments
57.0 ft.	U	1	Joint Offset			
Distance	- 27 A 48.		A			
	(37.0 88. 2563 - 26086 Offser					
(Lost Ca (Lost Co Lating:	ens.		10 - C			
NEWLIG:			100			
	· Alter					
	and the second		100			
	Same Land					
	States and States		100			

65.5 ft. U / Joint Offset



73.3 ft. U / Joint Offset

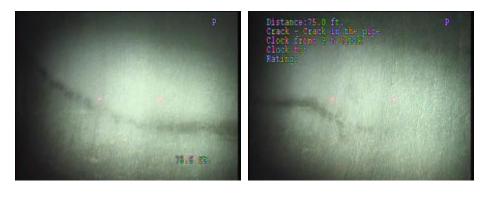








75.0 ft. U 3 / Crack



Distance	Dir. Length	From/T	o Code	Modifier/Severity	Rating	Comments
31.3 ft.	U	1	Joint Offset			
Distance: Joint Of	:81.3 ft. fset - Joint Offset	in the Pip	A			
Clock Fre Clock So Ratings	COLORADO A C					
			110			

89.6 ft. U / Joint Offset



98.1 ft. U / Joint Offset



Distance	Dir. Length	From/To	Code	Modifier/S	everity Rating	Comments
105.8 ft.	U	1	Joint			
Distance Joint - Clock fr Clock fo Farlings	SIDS.8 ft.		A			

110.1 ft. U / End of Pipe



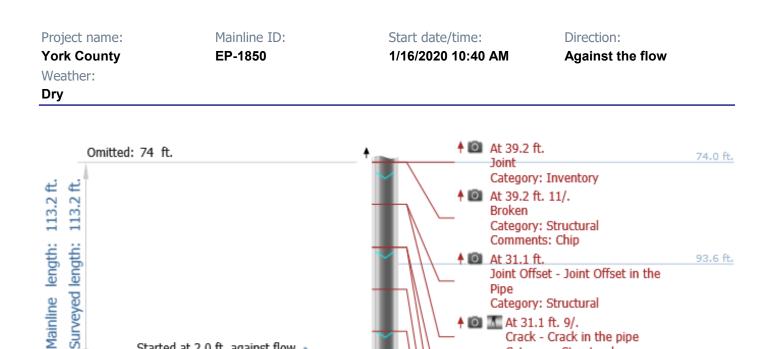
Inspection's photos



EP-1850



	Main Inspe	ctions Pip	e Run	
Project name:	Mainline ID:	City:	Address:	
York County	EP-1850	Rock Hill	Paragon Way	
Start date/time:	Direction:	Weather:	Surface condition:	
1/16/2020 10:40 AM	Against the flow	Dry	Other	
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	18.0 in.	18.0 in.	
	Drop l	nlet 'EXDI-34'		
	13.2 ft. against flow 🛖	• •	At 113.2 ft. End of Pipe	0.0 ft.
on 1/16/2020) 11:04:27 AM 🔭	✓	Category: Inventory	
		+ (O)	At 104.4 ft.	
			Joint Offset - Joint Offset in the	
			Pipe	16.5 ft.
113.2 ft. 113.2 ft.			Category: Structural At 96.1 ft.	
13 13			Joint Offset - Joint Offset in the	
		— \ \	Pipe	
ë ë			Category: Structural	33.0 ft.
light ingt			Comments: Misaligned	33.0 10
e e			At 88.1 ft. Joint Offset - Joint Offset in the	
ine 'Ye			Pipe	
Mainline length: Surveyed length:			Category: Structural	10.10
S No.		+0	At 79.9 ft.	49.4 ft.
			Joint Offset - Joint Offset in the	
			Pipe Category: Structural	
			Comments: Misaligned	
Omitted: 47.3 ft.			At 71.9 ft.	65.9 ft.
Officieu: 47.3 ft.			Joint Offset - Joint Offset in the	
			Pipe Category: Structural	
		111	Comments: Misaligned	
		▲ 1 0	At 63.6 ft.	
		11	Joint	
			Category: Inventory	
		+ 🖸	At 55.6 ft.	
		1-	Joint Category: Inventory	
		A 101	At 47.3 ft.	
			Joint	
			Category: Inventory	



Catch Basin 'EXCB-1820'

Started at 2.0 ft. against flow 🔺

on 1/16/2020 10:40:32 AM

🛉 🔟 📶 At 22.8 ft. 9/.

At 22.8 ft.

Pipe

♦ 🙆 At 14.7 ft. Joint

🕈 🔟 🛛 At 6.6 ft. Joint

Crack - Crack in the pipe

Joint Offset - Joint Offset in the

Crack - Crack in the pipe Category: Structural

Category: Structural

Category: Structural

Category: Inventory

Category: Inventory

113.2 ft.



Main Inspections Small Photos

Mainline ID:	City:	Address:	Project name:	
EP-1850	Rock Hill	Paragon Way	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/16/2020 10:40 AM	113.2 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EXDI-34		EXCB-1820		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	18.0 in.	18.0 in.	
Comments:				

Observations

Distance	Dir. Length	From/To	o Code	Modifier/Severity	Rating	Comments
6.6 ft.	U	1	Joint			
Distance Joint - Clock Sp Clock Sp Eschage	GLE ER.		P			

14.7 ft. U / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
22.8 ft.	U	1	Joint Offset			
Distance	133.8 ft. fet - Joint Offset	P. I. P.				
		in the Pipe				
CLOCK IS	<u>Sin e</u>	1 PA	100			
fiber 50 Ratings		p	COT C.			
Will Wi		Participa	1			
a m	Carton Contra	100 100	100			
57 1 1	a contract of	1 Shanna	200			
100000000000000000000000000000000000000		12345 (B)	199			

22.8 ft. U 9 / Crack



31.1 ft. U / Joint Offset



Distance Dir. Length From/To Code Modifier/Severity Rating Comments 9 / 31.1 ft. U Crack 39.2 ft. U Joint 1 39.2 ft. U 11 / Chip Broken

Distance	Dir. Length	From/T	o Code	Modifier/Severity	Rating	Comments
47.3 ft.	U	1	Joint			
Distance	(47.3 fR.		A			
Joint - Clock fro Clock to Ration	1112					
Rating		2.10				
		Per bas	- FA			
			*			
weite :	·					
	A SHALL CHARTER AND A SHALL AND A S	ALL AND ALL AN	1.			





63.6 ft. U / Joint



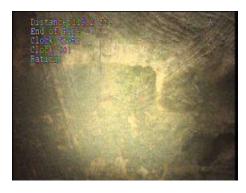
			Observati	UIIS		
Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
71.9 ft.	U	1	Joint Offset			Misaligned
Distance Joint Of Cleak So Cathor Cat		n the Pipe				
79.9 ft.	U	1	Joint Offset			Misaligned
Distance Joint Of Clock Ex Clock Ex Reting Hisald ga		P in the Pipe				
88.1 ft.	U	1	Joint Offset			
Distance Joint Of	:98.1 it. fset - dunt Offset	P in the Pipe				

Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
96.1 ft.	U	1	Joint Offset			Misaligned
Distance:	96.1 fr. Set - Jiltt Difset	No.	P ¹			
		in cue erbe				
Clock for Clock son Ratign			1			
Misalim:						
	李二十					
		2111	1 and a start			
1 com	X					

104.4 ft. U / Joint Offset



113.2 ft. U / End of Pipe



Inspection's photos



EP-1851



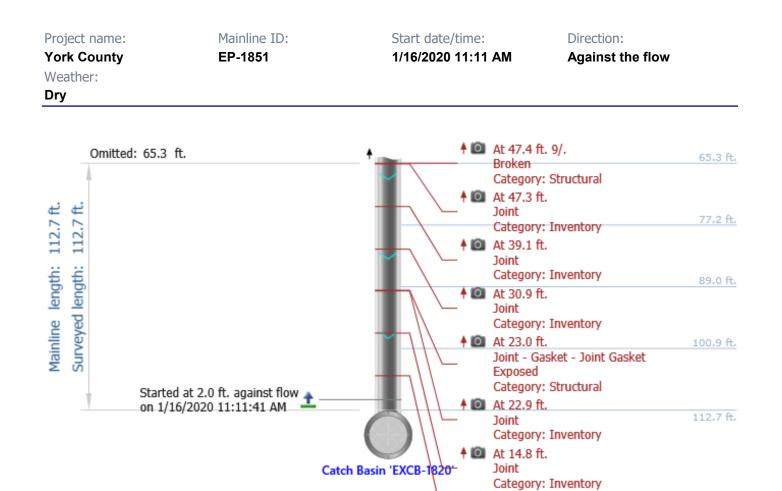
	Main Inspe	ctions Pip	e Run	
Project name:	Mainline ID:	City:	Address:	
York County	EP-1851	Rock Hill	Paragon Way	
Start date/time:	Direction:	Weather:	Surface condition:	
I/16/2020 11:11 AM	Against the flow	Dry	Concrete	
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	18.0 in.	18.0 in.	
	Catch B	asin 'EXCB-1819'		
Stopped at 1	12.7 ft. against flow 🛖 🕴	• • •	At 112.7 ft.	0.0 ft.
	0 11:26:29 AM 🕈	\sim	End of Pipe Category: Inventory	
		4 10	At 104.1 ft.	
			Joint Offset - Joint Offset in the	
112.7 ft. 112.7 ft.			Pipe Cotogony Chrysterol	14.4 ft
112.			Category: Structural At 96.0 ft.	
			Joint Offset - Joint Offset in the	
÷ ÷			Pipe	28.8 ft.
bua bua			Category: Structural	
e e			At 87.9 ft.	
eye a			Joint Offset - Joint Offset in the Pipe	
Mainline length: Surveyed length:			Category: Structural	43.2 ft
ž vy		▲ III	At 79.6 ft.	
		— \\	Joint Offset - Joint Offset in the	
			Pipe	
Omitted: 55.1 ft.			Category: Structural	57.6 ft.
Omitted: 55.1 ft.			Marchael M Marchael Marchael M	
		111	Category: Structural	
			At 71.5 ft.	
			Joint Offset - Joint Offset in the	
		11	Pipe Catagony, Structural	
			Category: Structural At 63.3 ft.	
			Joint Offset - Joint Offset in the	
		1-	Pipe	
			Category: Structural	
		A 10	At 55.1 ft.	
		1	Jaint Offerst Jaint Offerst in the	

Main Inspections Pipe Run

Joint Offset - Joint Offset in the

Category: Structural

Pipe



At 6.6 ft. Joint

Category: Inventory



Main Inspections Small Photos

				(
Mainline ID:	City:	Address:	Project name:	
EP-1851	Rock Hill	Paragon Way	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/16/2020 11:11 AM	112.7 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EXCB-1819		EXCB-1820		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	18.0 in.	18.0 in.	
Comments:				

Observations

Distance Dir. L	ength From/To	o Code	Modifier/Severity	Rating	Comments
6.6 ft. U	1	Joint			
Distance:6.6 ft.		Av			
Joint - Clock from:					
Joint - Clock from: Clock Ro: Rating	ALL TRANSPORT				
	A LAN				
	- 11				
	and all the	20			

14.8 ft. U / Joint

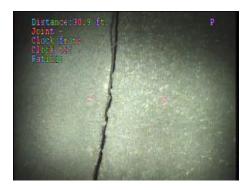


Distance	Dir. Length	From/T	o Code	Modifier/Severity	Rating	Comments
22.9 ft.	U	1	Joint			
Distanc Joint - Clock & Clock & Ratury	a:221.9 Et.		P			

23.0 ft. U / Joint - Gasket

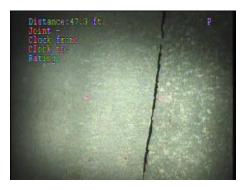


30.9 ft. U / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
39.1 ft.	U	Ι	Joint			
Distance Joint - Clock fro Clock to Rabing:	39.1 ft.		A			





47.4 ft. U 9 / Broken



Distance	Dir. Length	From/T	o Code	Modifier/Severity	Rating	Comments
55.1 ft.	U	Ι	Joint Offset			
Distance Joint Of	:55.1 ft. Set - Joint Offset	in the Din	P			
	REPRESENTATION OF THE PARTY OF	, in the rip	7			
Clock By Clock By Rating:			Sec.			
	部時代(1973)					
	SHEED, CO. 1 MILLION		A CONTRACTOR OF A CONT			

63.3 ft. U / Joint Offset



71.5 ft. U / Joint Offset



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
71.9 ft.	U	6/9	Crack			
Distance Crack - (clock ty Bating	71.9 ft. Track in the pipe mir é o clock 99 o clock	F				

79.6 ft. U / Joint Offset



87.9 ft. U / Joint Offset



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
96.0 ft.	U	1	Joint Offset			
Distance:	96 0 ft. Set - Joint Offset					
	CARLENDER A BESTELLER	t in the Pipe				
Cipel fai Gipel to Lating:		Real Bridge St.	4			
Lating	A ALAN					
		and your services	and the			
			100			
			100			
	Contraction of the second		201			

104.1 ft. U / Joint Offset



112.7 ft. U / End of Pipe



Inspection's photos



EP-1852

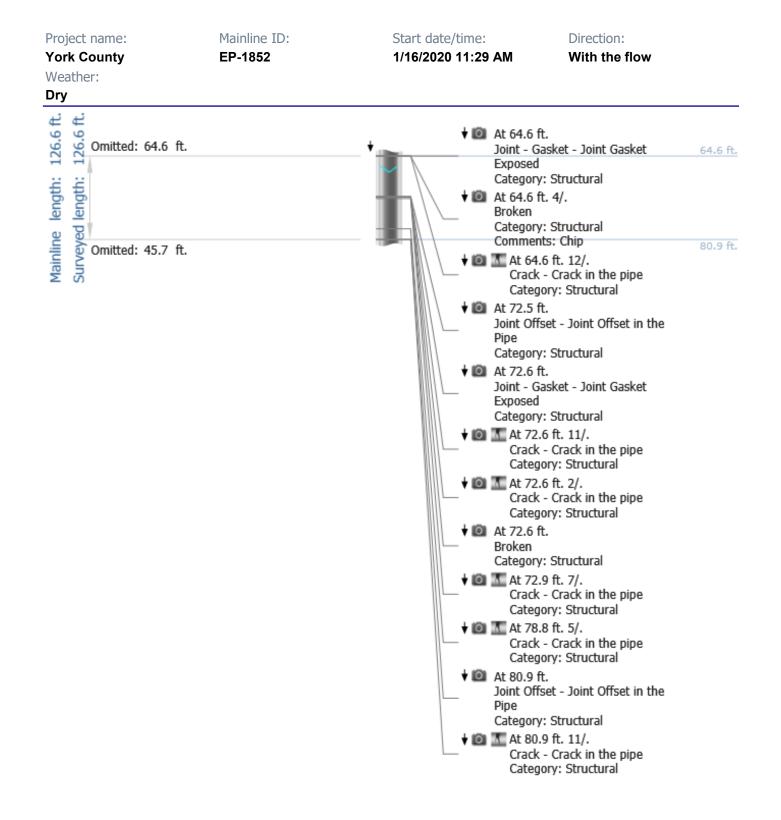


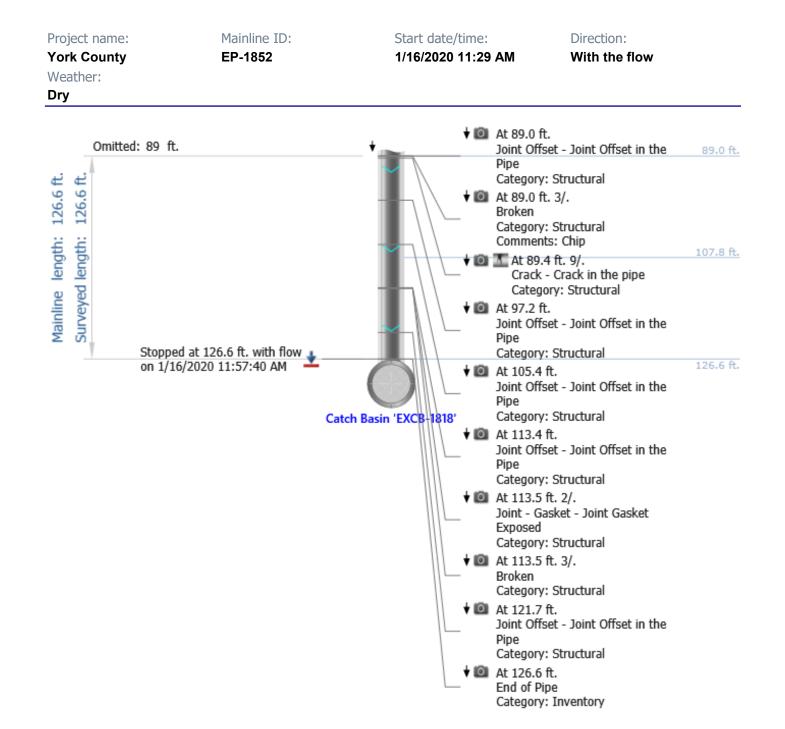
	Main Inspe	ctions Pip	e Run		
Project name: Mainline ID:		City:	Address:		
York County	EP-1852	Rock Hill	Paragon Way Surface condition: Concrete Pipe width:		
Start date/time:	Direction:	Weather:			
/16/2020 11:29 AM	With the flow	Dry			
Pipe shape:	Pipe material:	Pipe height:			
Circular	Concrete Reinforced	18.0 in.	18.0 in.		
	Catch B	asin 'EXCB-1819'			
Starter	at 2.0 ft. with flow 🛶	\bigcirc		0.0 ft.	
	6/2020 11:29:16 AM	+ 10	At 7.9 ft. Joint		
ਦ ਦ			Category: Inventory	16.2 ft.	
126.6 ft. 126.6 ft.		* 0	At 15.8 ft. Joint Category: Inventory	10.2 10.	
		+ 🖻	At 23.9 ft.		
ngtl			Joint Category: Inventory	32.3 ft.	
er er		+ 10	At 32.0 ft.		
Mainline length: Surveyed length:			Joint Offset - Joint Offset in the Pipe	48.5 ft	
Sur			Category: Structural		
			At 40.1 ft. Joint Offset - Joint Offset in the Pipe		
			Category: Structural		
Omitted: 62 ft.		+	At 48.3 ft. Joint Offset - Joint Offset in the Pipe Category: Structural	64.6 ft.	
		+ 10	At 56.6 ft. Joint Offset - Joint Offset in the Pipe Category: Structural		
		+ 10	At 56.6 ft. 1/2 Broken Category: Structural Comments: Chip		
		+ 10	At 64.6 ft.		

Joint Offset - Joint Offset in the

Category: Structural

Pipe







AET Services, LLC 623 Rices Creek Road Liberty, SC 29657 2504 River Road Piedmont, SC 29673 844-8TOPGUN

Main Inspections Small Photos

Mainline ID:	City:	Address:	Project name:	
EP-1852	Rock Hill	Paragon Way	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/16/2020 11:29 AM	126.6 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EXCB-1819		EXCB-1818		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	18.0 in.	18.0 in.	
Comments:				

Observations

Distance	Dir. Length	From/To	o Code	Modifier/Severity	Rating	Comments
7.9 ft.	D	1	Joint			
Distance Joint - Clock is Clock is Clock is Clock is Clock is Clock is	:7.9 it.		P			
Rating:						
	25.1					
		Barris and				

15.8 ft. D / Joint



Distance Dir. Ler	ngth From/T	o Code	Modifier/S	Severity Rating	Comments
23.9 ft. D	1	Joint			
Distance:03.9 ft. Joint - Clock from: Clock Bog Ratung:		P			

32.0 ft. D / Joint Offset



40.1 ft. D / Joint Offset



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
48.3 ft.	D	Ι	Joint Offset			
Distance	:43.3 ft. fset - Jolie Offset	a description	P			
	INTERNATION IN CONTRACTOR	in the Pipe				
Clock 63 Clock 64 Retings						
A SCOLUTE			100			
			100			
	Levis III		81°			
	and the state					
	Card, Marine					

56.6 ft. D / Joint Offset



56.6 ft. D 1 / 2 Broken



Chip

Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
64.6 ft.	D	1	Joint Offset			
Distance: Joint Off Clock fge Clock Roy Rating:	:64.6 ft. Get - Joint Offset gm:	in the Ripe				



64.6 ft. D / Joint - Gasket



64.6 ft. D 4 / Broken





 Distance
 Dir.
 Length
 From/To
 Code
 Modifier/Severity
 Rating
 Comments

 64.6 ft.
 D
 12 /
 Crack
 Crack
 Image: Comments
 <tdI

72.5 ft. D / Joint Offset



72.6 ft. D / Joint - Gasket



 Distance
 Dir. Length
 From/To
 Code
 Modifier/Severity
 Rating
 Comments

 72.6 ft.
 D
 11 /
 Crack
 <t

72.6 ft. D 2 / Crack



72.6 ft. D / Broken



From/To Code Modifier/Severity Distance Dir. Length Rating Comments 72.9 ft. 7/ D Crack Crack D 5 /

78.8 ft.



D 1 80.9 ft. Joint Offset



 Distance
 Dir.
 Length
 From/To
 Code
 Modifier/Severity
 Rating
 Comments

 80.9 ft.
 D
 11 /
 Crack





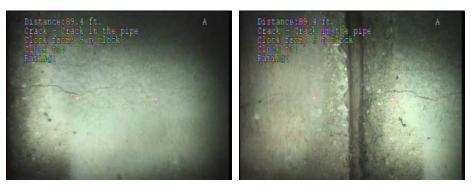


89.0 ft. D / Joint Offset



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
89.0 ft.	D	3 /	Broken			Chip
Distance Broken - Clock fr Clock Ho Fating: Chig	20840 52 ame à 4 allest		4			





97.2 ft. D / Joint Offset



05.4 ft. D Distance: 105.4 ft. Joint Office: = Joint Officet in t Clock from Clock from Clock from	/ Joint Offs	et	
	A Pipe		
	che Pipe		
Clock from: Clock Bo: Esting:	Station .		
Section:	Contraction of the second s		
	No. of Concession, Name		
Real Property in	of contraction		
	CONTRACT.		

113.4 ft. D / Joint Offset



113.5 ft. D 2 / Joint - Gasket



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
113.5 ft.	D	3 /	Broken			
Distance Broken - Clock fro Clock por Fatilagi	113.5 ft.	Þ				

121.7 ft. D / Joint Offset



126.6 ft. D / End of Pipe



Inspection's photos



EP-1852.1



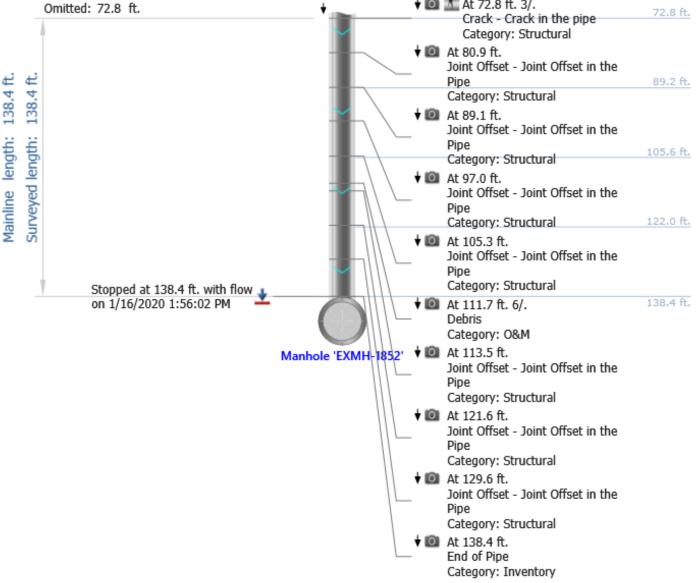
AET Services, LLC 623 Rices Creek Road Liberty, SC 29657 2504 River Road Piedmont, SC 29673 844-8TOPGUN

	Main Inspe	ctions Pipe	e Run	
Project name:	Mainline ID:	City:	Address:	
York County	EP-1852.1	Rock Hill	Paragon Way	
Start date/time: Direction:		Weather:	Surface condition:	
/16/2020 1:38 PM	With the flow	Dry	Other	
		-	Pipe width:	
Pipe shape:	Pipe material:	Pipe height:		
Sircular	Concrete Reinforced	18.0 in.	18.0 in.	
	Catch B	asin 'EXCB-1821'		
		\bigcirc		0.0.0
	ed at 2.0 ft. with flow 🛖			0.0 ft.
on 1/	16/2020 1:38:45 PM 🍸	+ 🖸	At 8.1 ft.	
			Joint	
ىر ب			Category: Inventory	10.00
138.4 ft. 138.4 ft.			At 15.8 ft. Joint	18.2 ft.
ö ö			Category: Inventory	
22			T At 15.8 ft. 3/.	
2 2			Crack - Crack in the pipe	
jgt			Category: Structural	36.4 ft.
Mainline length: Surveyed length:		+0	At 24.2 ft.	
e e			Joint	
je je			Category: Inventory	
Mainline length: Surveyed length:			At 32.1 ft.	54.6 ft.
2 V			Joint	
			Category: Inventory	
		▼ ▼ 🖾	At 40.4 ft.	
			Joint Category: Inventory	72.8 ft.
Omitted: 65.6 ft.		+ 100	At 48.6 ft.	72.0 10
			Joint Offset - Joint Offset in the	
		III –	Pipe	
		111	Category: Structural	
		+ 🔘	At 56.7 ft.	
			Joint Offset - Joint Offset in the	
		-	Pipe	
			Category: Structural	
		+ 🗐	At 64.7 ft.	
			Joint Offset - Joint Offset in the	
			Pipe Category: Structural	
		1 100	Category: Structural	
		V D	At 72.8 ft.	

Joint

Category: Inventory







AET Services, LLC 623 Rices Creek Road Liberty, SC 29657 2504 River Road Piedmont, SC 29673 844-8TOPGUN

Main Inspections Small Photos

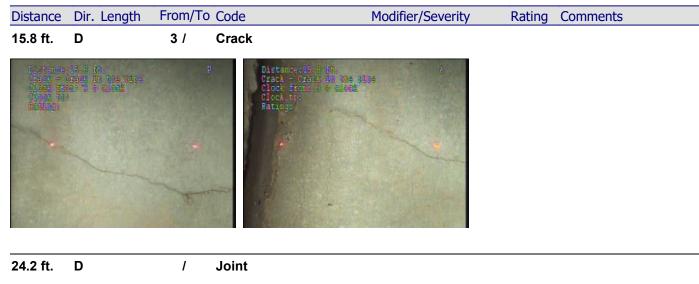
	_			1
Mainline ID:	City:	Address:	Project name:	
EP-1852.1	Rock Hill	Paragon Way	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/16/2020 1:38 PM	138.4 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EXCB-1821		EXMH-1852		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	18.0 in.	18.0 in.	
Comments:				

Observations

Distance Dir. Length	From/To Code	Modifier/Severity	Rating	Comments
8.1 ft. D	/ Joint			
Distance:8.1 ft. Joint - Clock from: Clock too Rating:	A			

15.8 ft. D / Joint







32.1 ft. D / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
40.4 ft.	D	1	Joint			
Distance Joint - Clock fra Clock to Rating:	5m2					

48.6 ft. D / Joint Offset

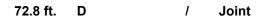


and the second s

56.7 ft. D / Joint Offset

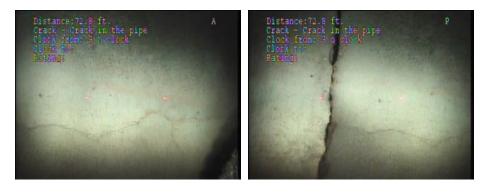


Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
64.7 ft.	D	Ι	Joint Offset			
Distance: Joint Off	:64.7 ft. İset - Joint Offset	in the Pipe				
Clock in Clock for Rating						
	1	Yer .				
		1.				





72.8 ft. D 3 / Crack



0.9 ft.			Code	Modifier/Severity	Rating	Comments
	D	1	Joint Offset			
Distance:8	90.9 ft. set - Joint Diffset	In the Dine	à			
Clock from	A DESCRIPTION OF TAXABLE PARTY.					
Clock tos Ratings						
	•		H			
			134			

89.1 ft. D / Joint Offset



97.0 ft. D / Joint Offset



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
105.3 ft.	D	1	Joint Offset			
Distance; Joint Of	:105.3 ft. fset - Joint Offset	in the Pipe	2			
Clock fro Clock to: Rating:						
	1					

111.7 ft. D 6 / Debris



113.5 ft. D / Joint Offset



Distance	Dir. Length	From/T	o Code	Modifier/Severity	Rating	Comments
121.6 ft.	D	1	Joint Offset			
Distance	:121.6 ft.	1. A 2 1.	4			
Joint Off	iset - Joint Offset	in the Pipe				
Clock fro Clock to: Eating:						
Rating:	1					

129.6 ft. D / Joint Offset



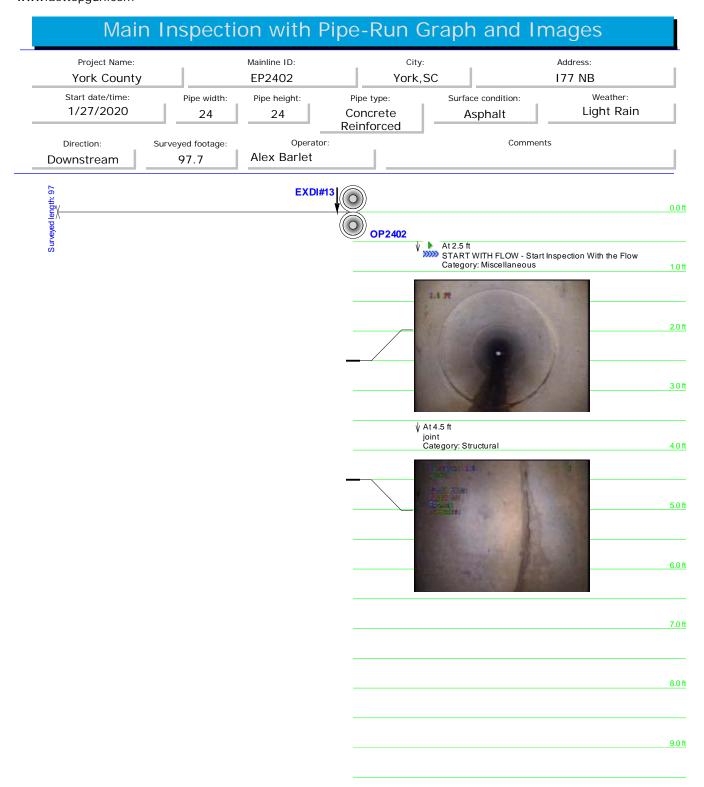
138.4 ft. D / End of Pipe



Inspection's photos

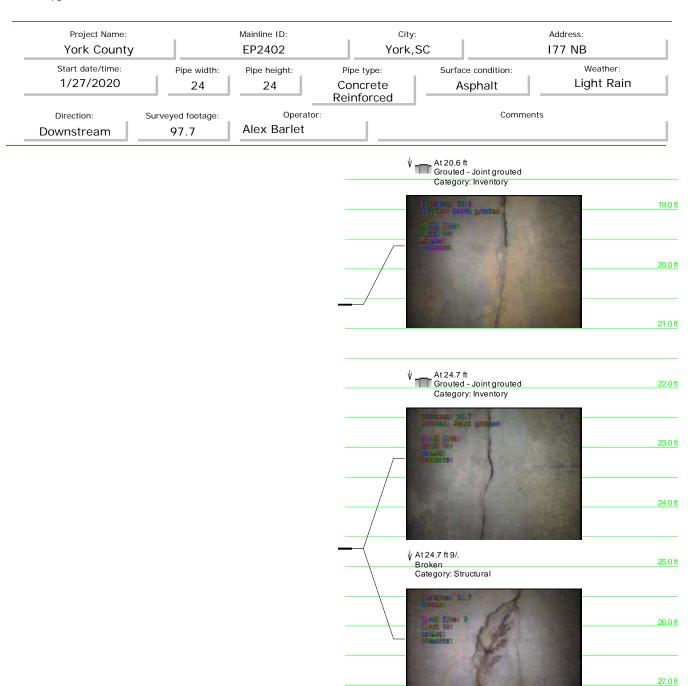


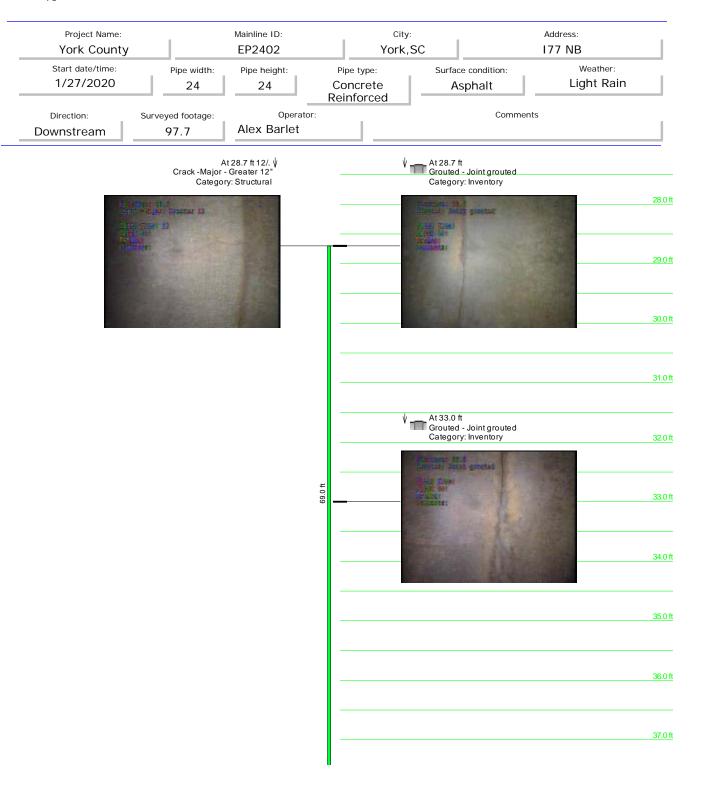
EP-2401.2



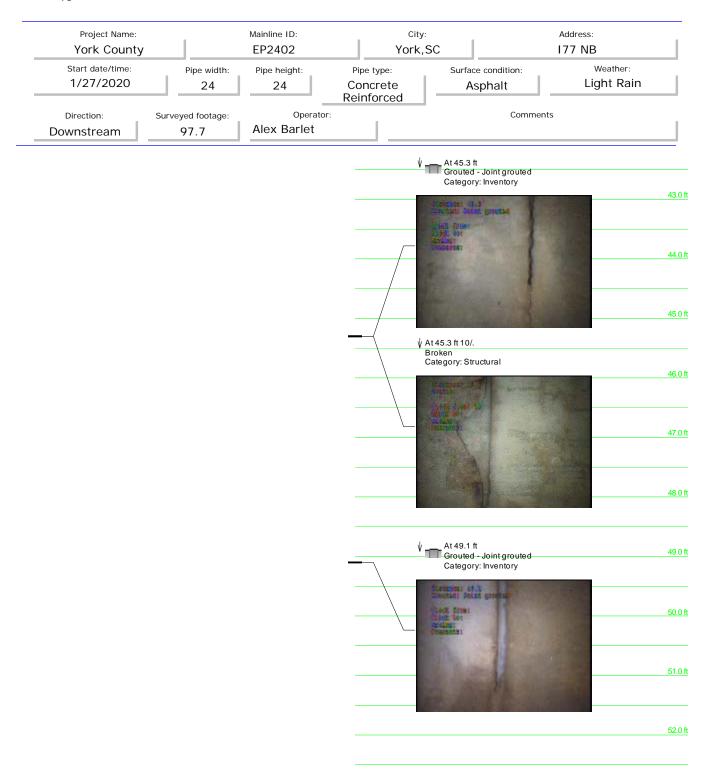


Project Name: York County		Mainline ID: EP2402	City: York,S	C	Address: I77 NB
Start date/time: 1/27/2020	Pipe width: 24	Pipe height: 24	Pipe type: Concrete Reinforced	Surface condition: Asphalt	Weather: Light Rain
Direction: Sur Downstream	veyed footage: 97.7	Operator: Alex Barlet		Comments	3
			∜	At 12.9 ft Grouted - Joint grouted Category: Inventory	1
				Edward and paster	1
					1
				At 16.4 ft Grouted - Joint grouted Category: Inventory	1
				and the second	- 1
				1	1
					1
					1
					2
					2



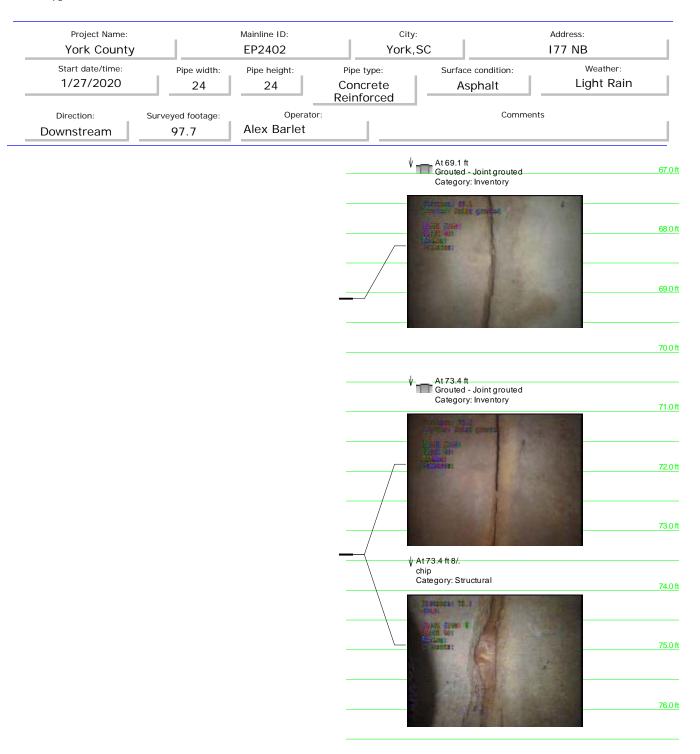


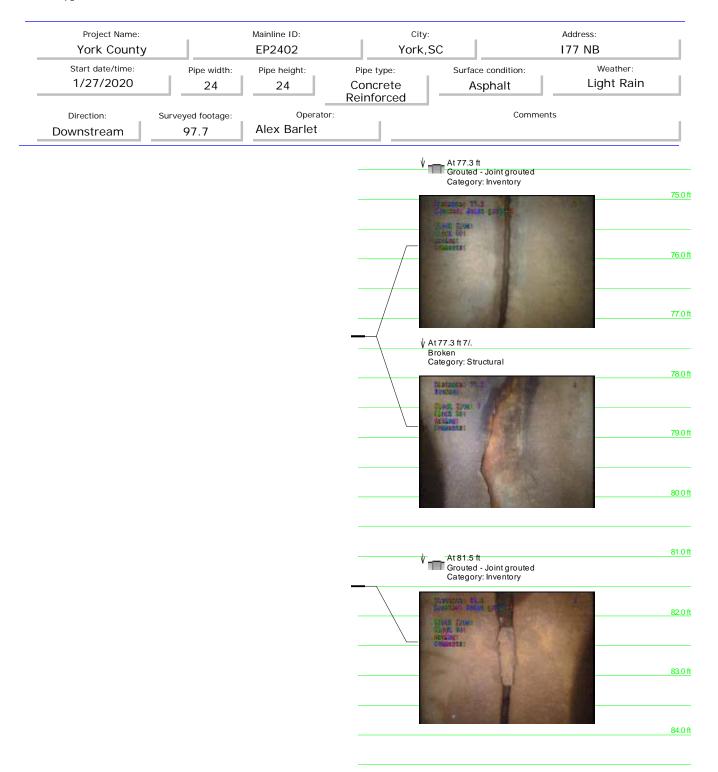
Project Name: York County		Mainline ID: EP2402	City: York,		Address: I77 NB
Start date/time: 1/27/2020	Pipe width: 24	Pipe height: 24	Pipe type: Concrete Reinforced	Surface condition: Asphalt	Weather: Light Rain
Direction: Downstream	Surveyed footage: 97.7	Operator: Alex Barlet		Commen	ts
			V	At 36.7 ft Grouted - Joint grouted Category: Inventory	
				And a second sec	3
					3
				Sugar 1	3
					3
			V	At 41.1 ft Grouted - Joint grouted Category: Inventory	4
				Artiger Barley (Howton Line) Dien Artiger Bar Statuter	4
					4:
					4
					4

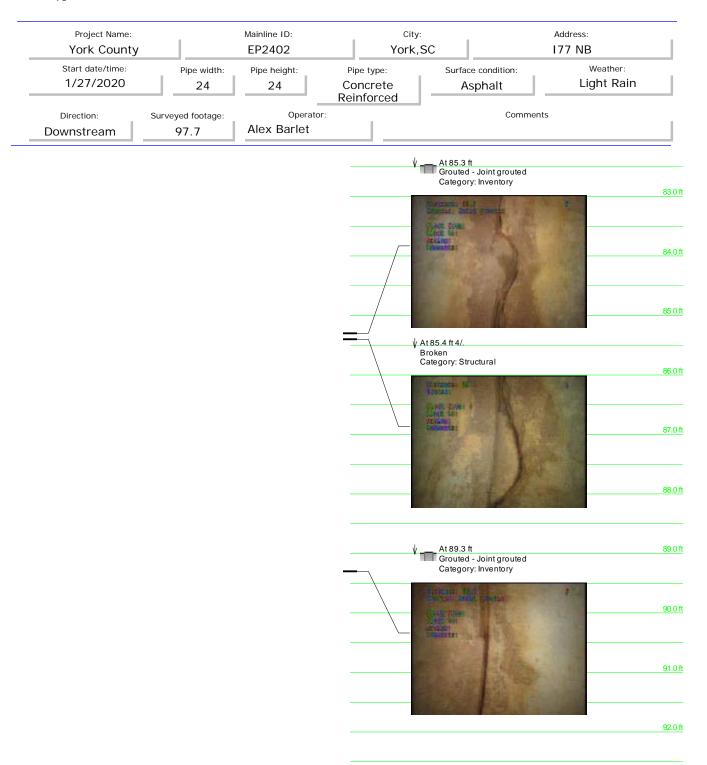


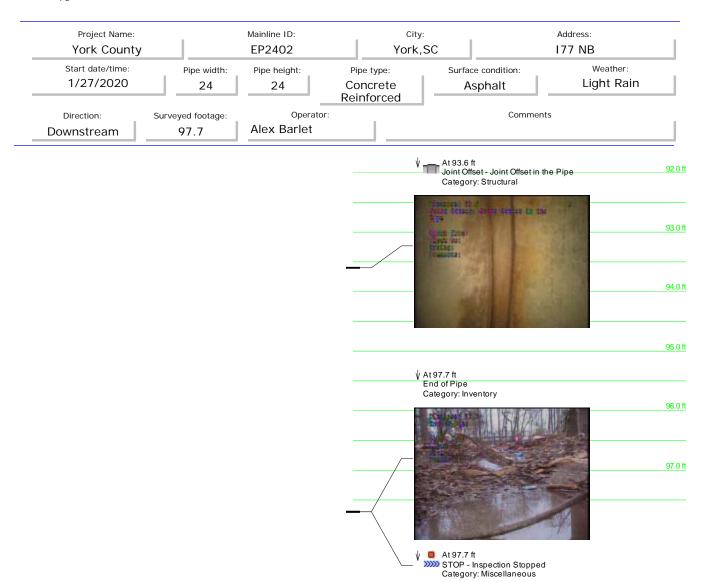
Project Name:	1	Mainline ID:	City:		Address:
York County		EP2402	York,		I77 NB Weather:
Start date/time: 1/27/2020	Pipe width: 24	Pipe height: 24	Pipe type: Concrete Reinforced	Surface condition: Asphalt	Light Rain
Direction: Su Downstream	rveyed footage: 97.7	Operator: Alex Barlet	Reiniorceu	Comment	S
				At 53.1 ft Grouted - Joint grouted Category: Inventory	52
					53
					54
					55
			٧	At 57.1 ft Grouted - Joint grouted Category: Inventory	56
				Linear III a Second Contact Second Contact Second	57
					58
					55
					60

Project Name: York County		inline ID: P2402	City: York,SC	:	Address: I77 NB
Start date/time: 1/27/2020		ipe height: 24	Pipe type: Concrete Reinforced	Surface condition: Asphalt	Weather: Light Rain
Direction: Sur Downstream	veyed footage: 97.7 A	Operator: lex Barlet		Commer	ts
			V	At 61.2 ft Grouted - Joint grouted Category: Inventory	60.
				-	61.
					62.
					63.
			Ý	At 65.1 ft Grouted - Joint grouted Category: Inventory	64.
				netanti (AA) ortari (Attai grantar egit fatat grantar Galeti Galeti Galeti Galeti	65.
					66.
					67.
					68.

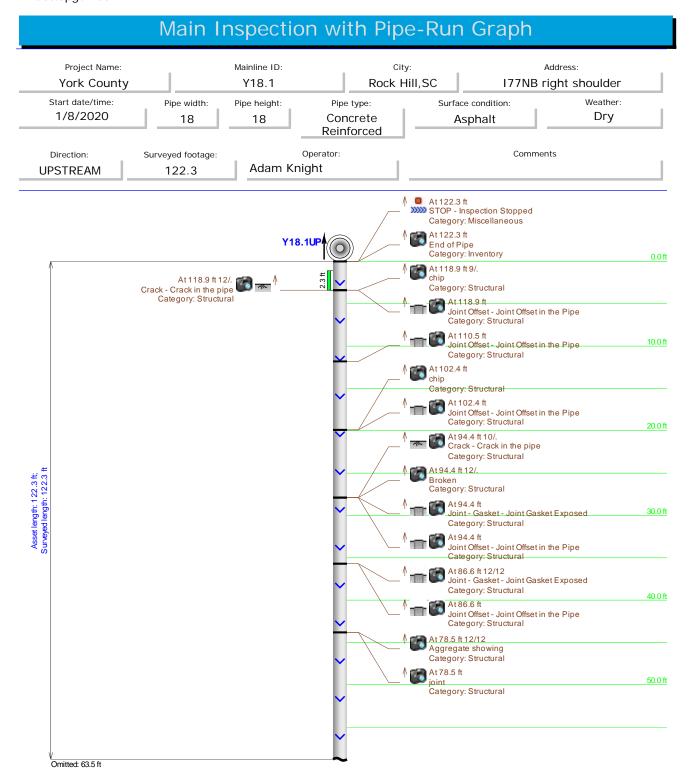


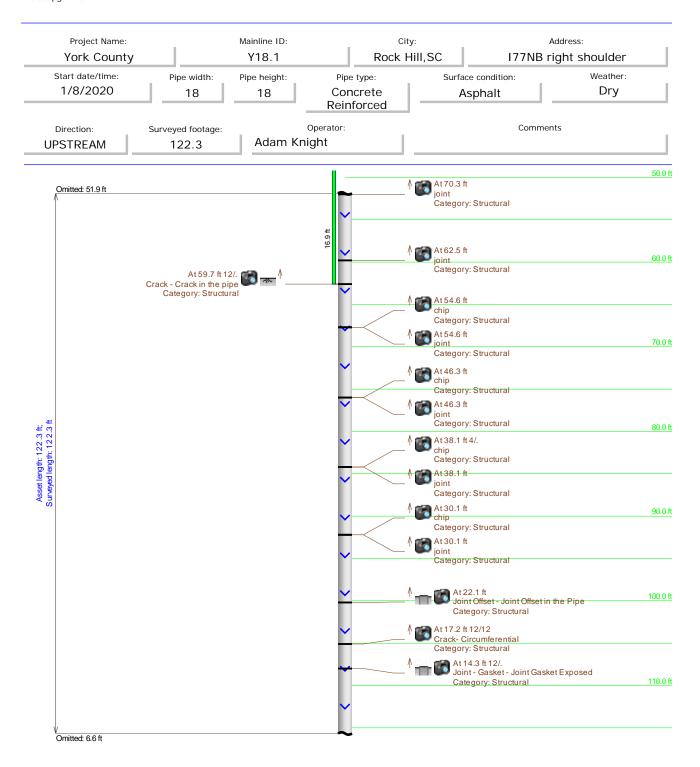


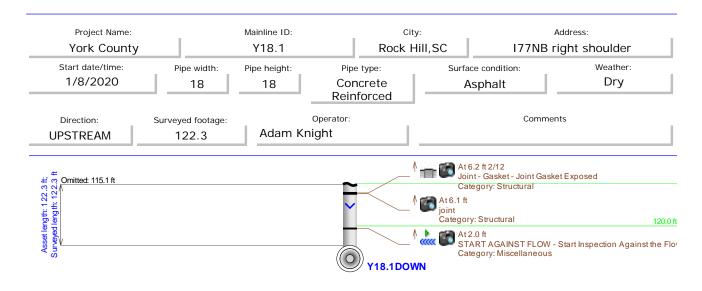




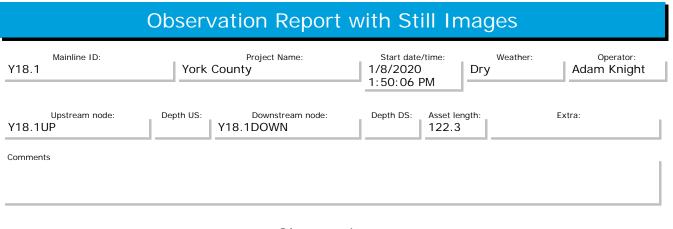
Y18.1







3



Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment	
2.0		START AGAINST FLOW	Yes	/			
2.0 75		C)					
6.1		joint	Yes	/			
6.1		joint	Yes	1			

Observations

Observations



14.3 Joint - Gasket Yes 12 /





17.2 Crack- Yes 12 / 12 Circumferenti al



Observations with Still Images

Tuesday, January 14, 2020 9:16 AM

Observations



30.1

joint



Yes

Yes

Yes





/

30.1 chip



38.1

joint

/

Tuesday, January 14, 2020 9:16 AM

Page 3 of

11

Observations







joint

Yes



46.3

46.3



/

chip Yes

Observations with Still Images

Tuesday, January 14, 2020 9:16 AM

Page 4 of 11

Observations



54.6

joint





/

54.6 chip

Yes

Yes



59.7 16.9 Crack 12 /

Observations with Still Images

Tuesday, January 14, 2020 9:16 AM

Observations



62.5

joint





70.3

joint

Yes



78.5

joint



/

/

Yes

Observations



86.6 Joint Offset Yes / j



86.6

Joint - Gasket Yes

12 / 12

Observations with Still Images

Tuesday, January 14, 2020 9:16 AM

Page 7 of 11

Observations



/

94.4

Joint Offset



94.4 Joint - Gasket Yes



94.4

Broken

12 /

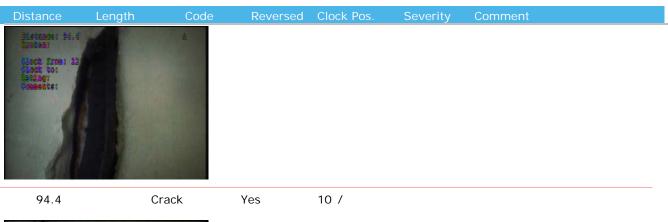
Yes

Observations with Still Images

Tuesday, January 14, 2020 9:16 AM

Page 8 of 11

Observations



/



102.4 Joint Offset Yes



102.4

chip

Yes

Observations with Still Images

Tuesday, January 14, 2020 9:16 AM

Page 9 of 11

Observations



/

110.5

Joint Offset

Yes





/

118.9 Joint Offset Yes



118.9

chip



9 /

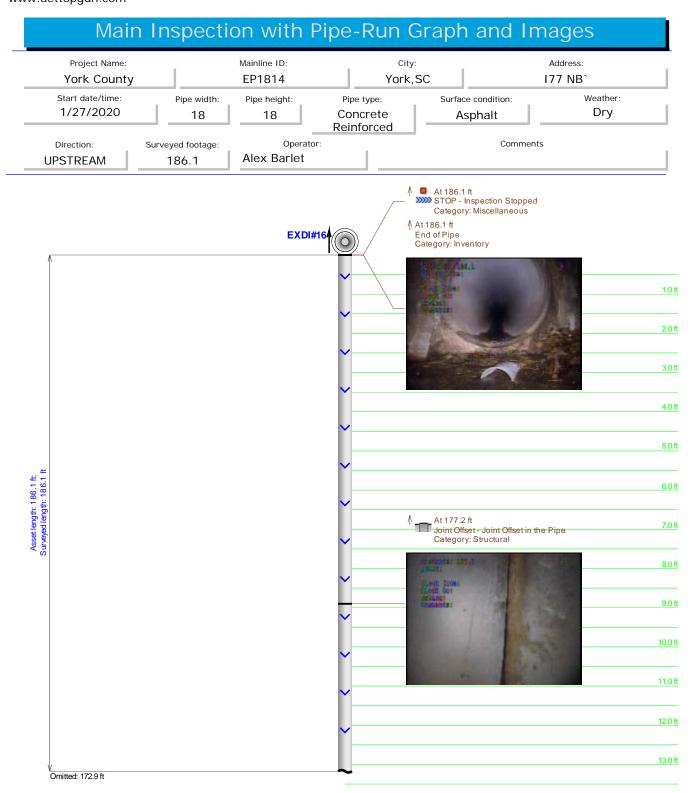
Yes

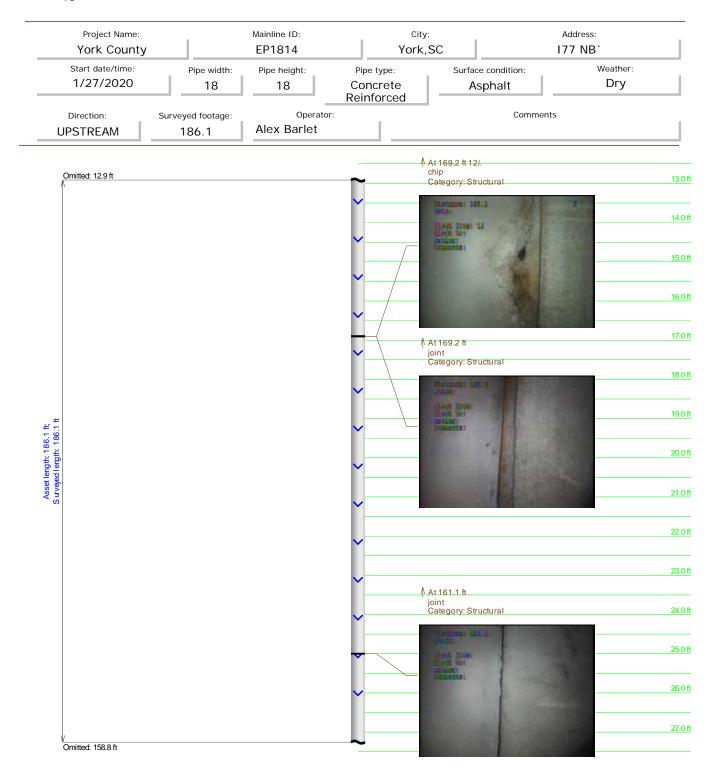
Observations with Still Images

Observations

Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment		
Clargement and a chipi glock Space a disers col Sectory Channeaces								
118.9	2.3	Crack	Yes	12 /				
Fictores: 218,6 (Test: Crest in Fict from: 13 (Doct fo) Satisf: Stansitat:	1 E2+ 7455							
122.3		End of Pipe	Yes	/				
122.3		STOP	Yes	/				

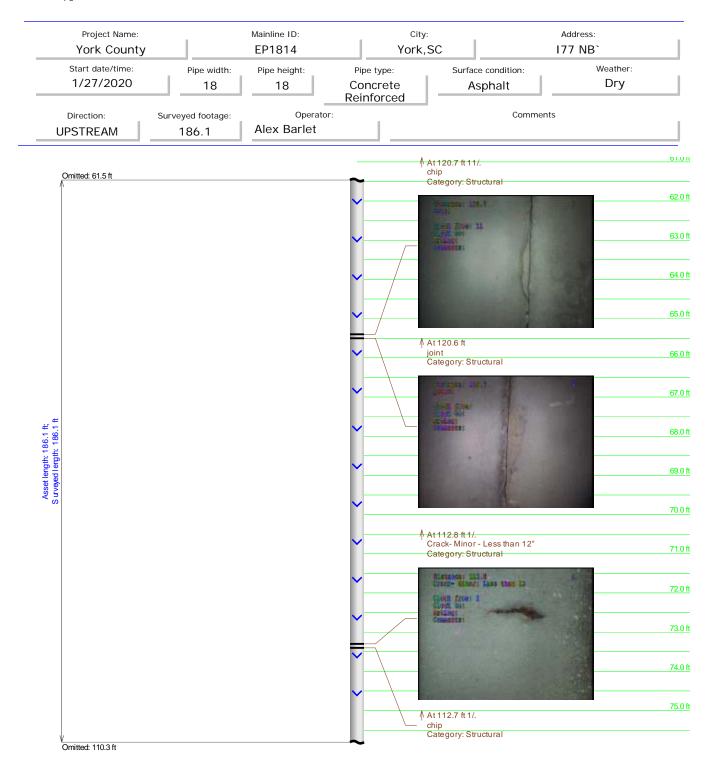
EP-1814

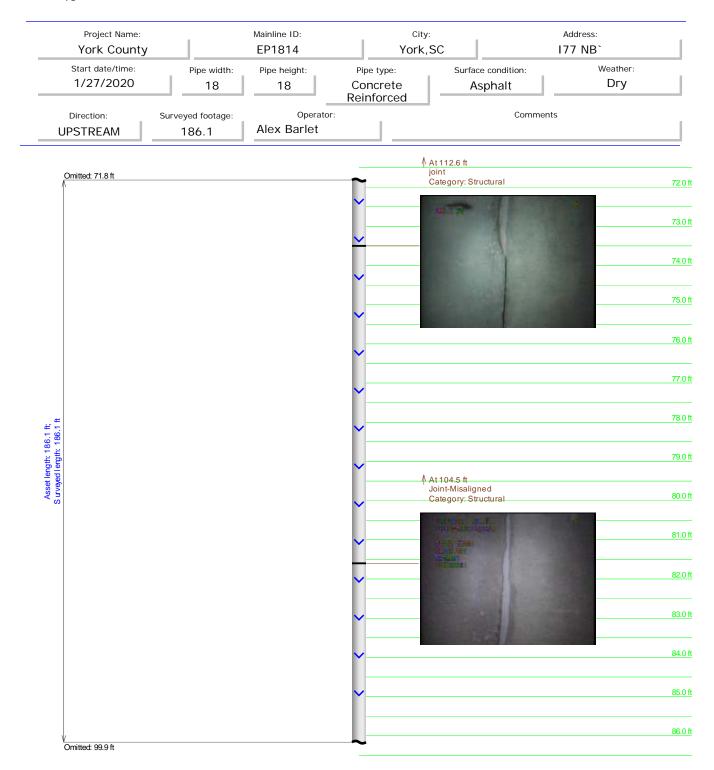










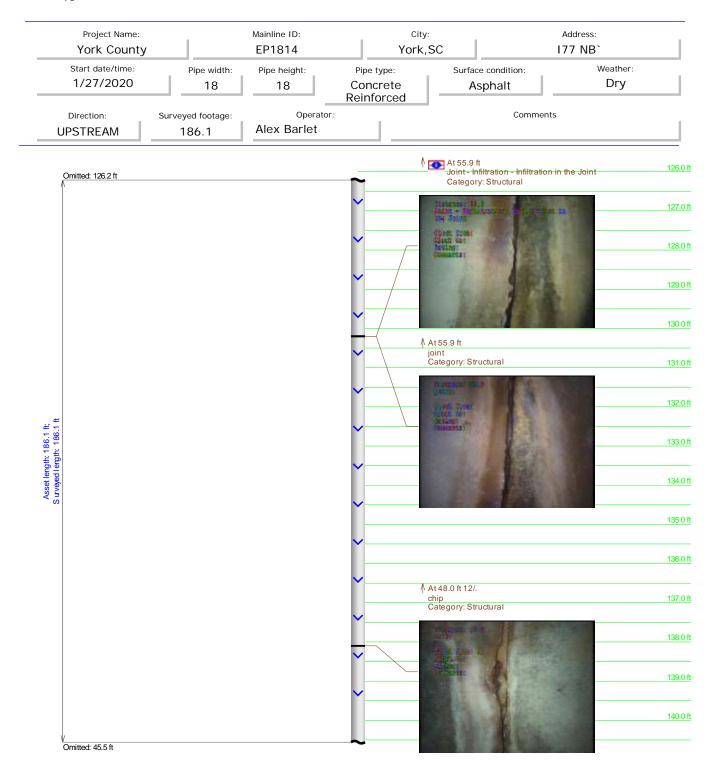






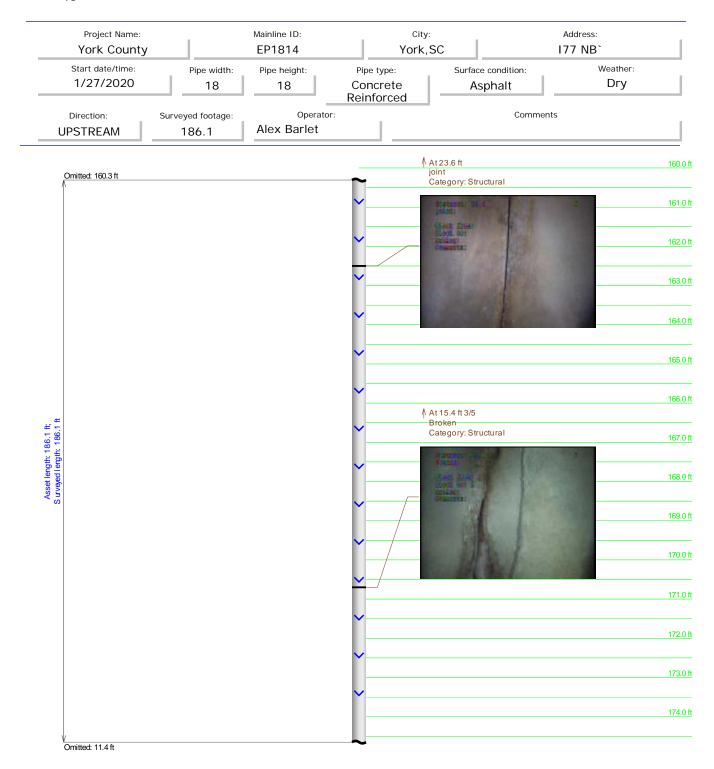




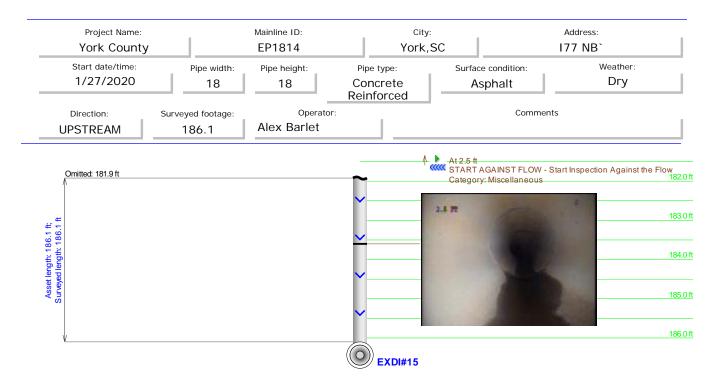




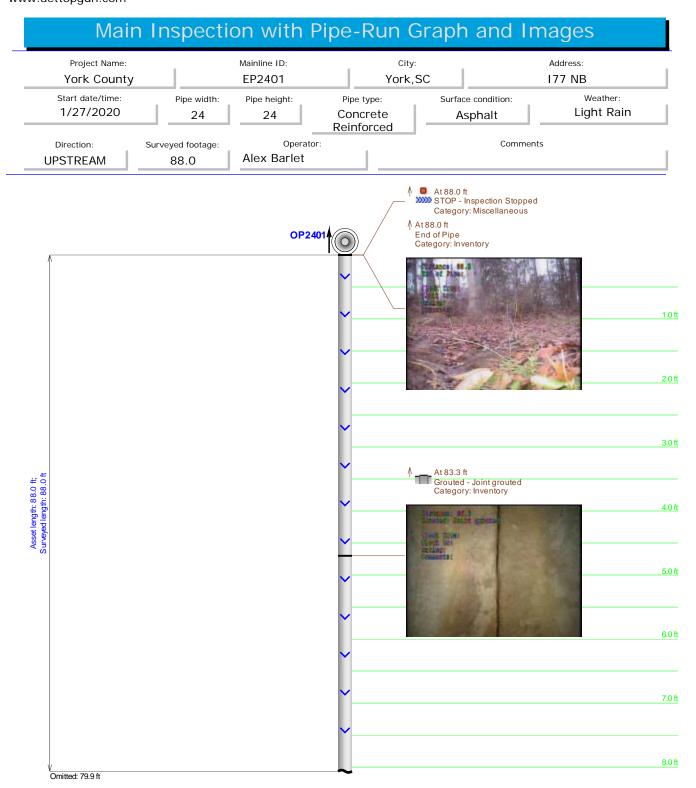




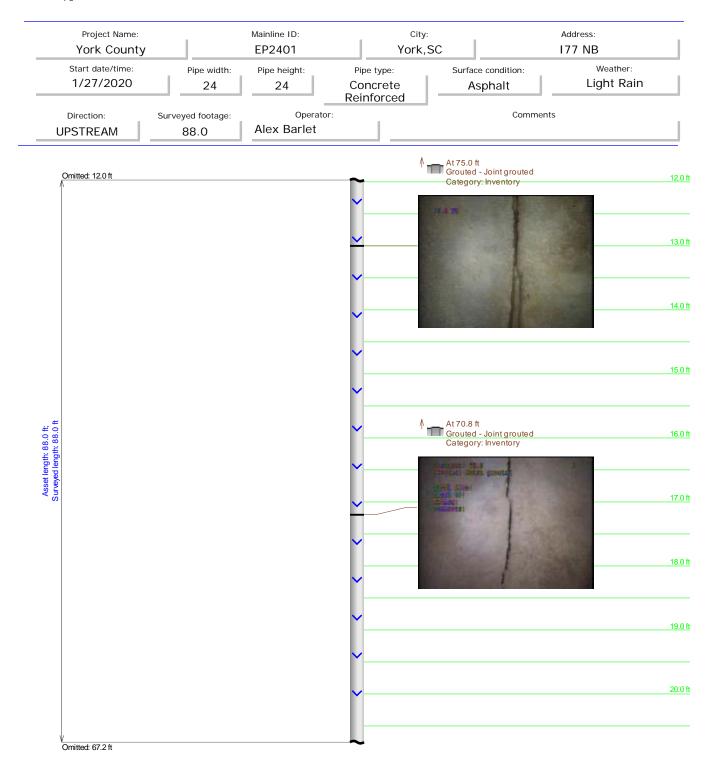


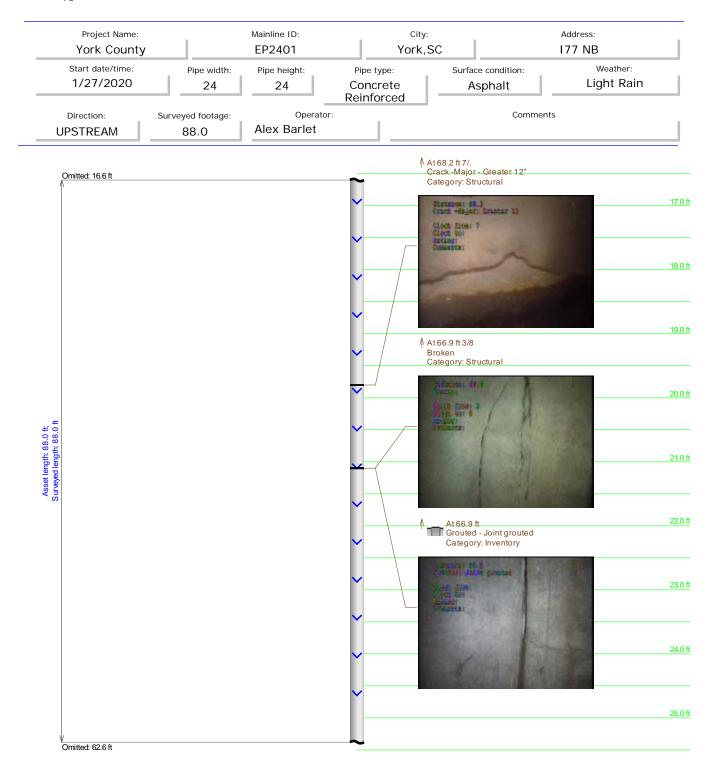


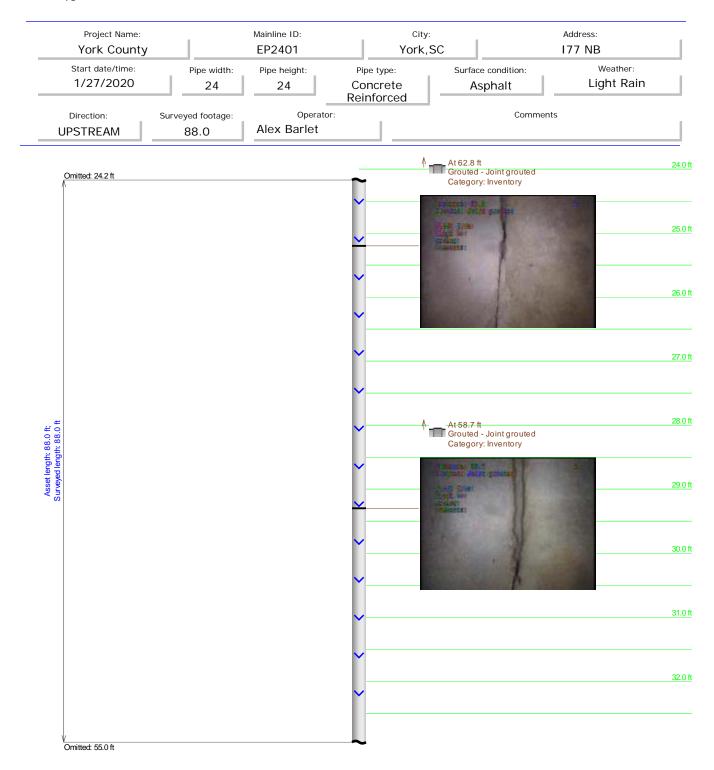
EP-2401







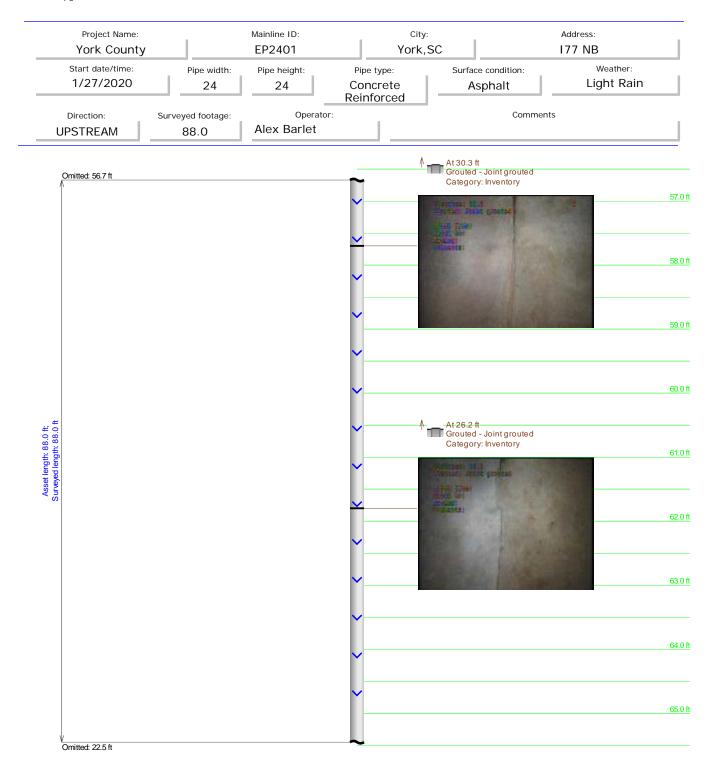


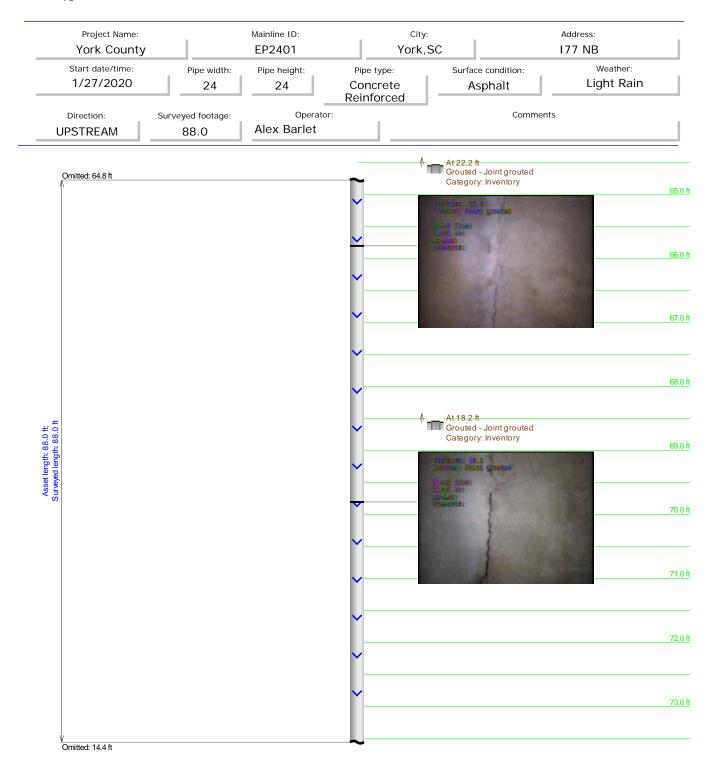




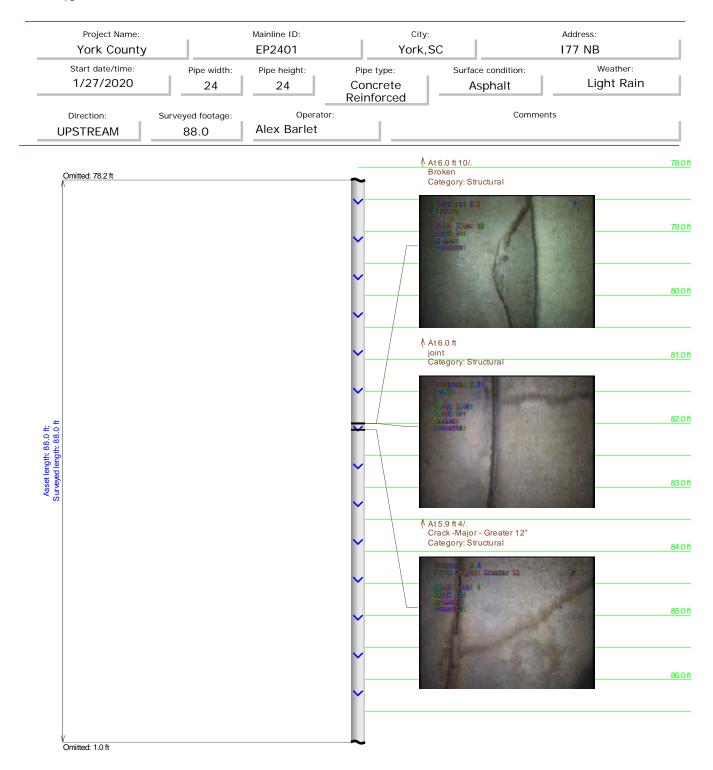


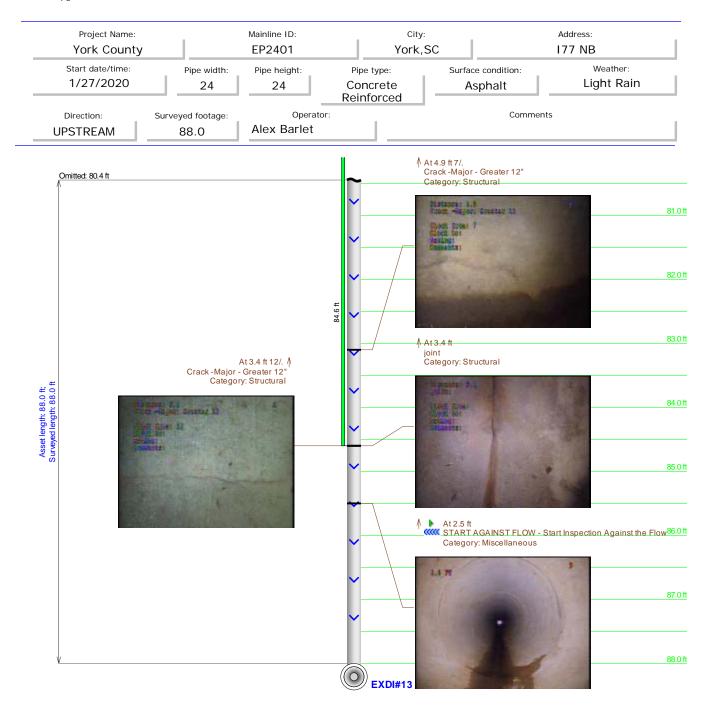






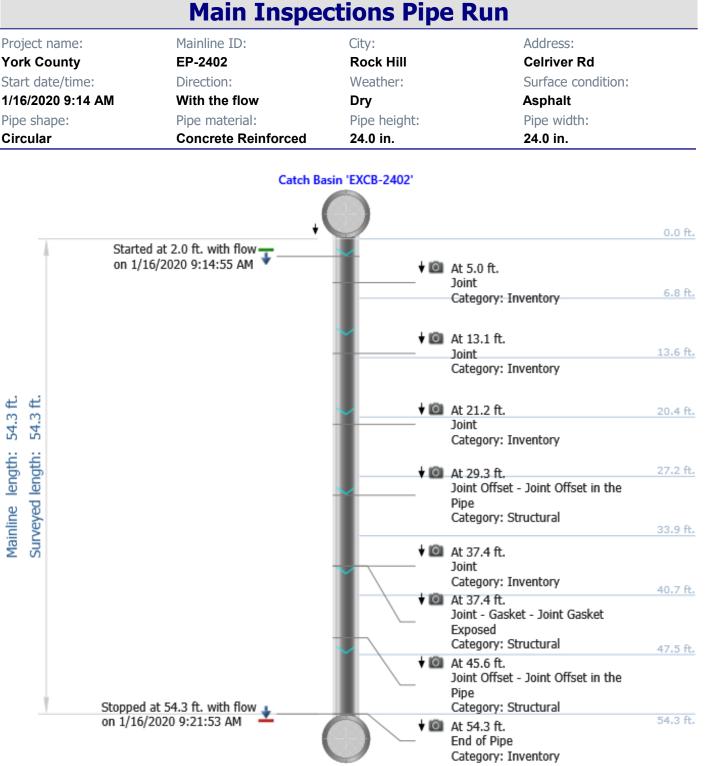






EP-2402





Catch Basin 'EXCB-2401'



Main Inspections Small Photos

				£
Mainline ID:	City:	Address:	Project name:	
EP-2402	Rock Hill	Celriver Rd	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/16/2020 9:14 AM	54.3 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EXCB-2402		EXCB-2401		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	24.0 in.	24.0 in.	
Comments:				

Observations

Distance	Dir. Length	From/T	o Code	Modifier/Severity	Rating	Comments
5.0 ft.	D	1	Joint			
Distance:	5 n fe	100 C	A			
Joint - Clock from						
Clock to: Rating:			and the second se			
	X					
			in the second			
		Des F				
	and a start of the	and the second				

13.1 ft. D / Joint



I	Joint		
	A		
	100		
	1000		
	aphies .		
	R		

29.3 ft. D / Joint Offset



37.4 ft. D / Joint



Distance	Dir. Length	From/To	o Code	Modifier/Severity	Rating	Comments
37.4 ft.	D	1	Joint - Gasket			
Distance	37.4 ft.	A.	A			
Joint - G Clock fre	137.4 ft. Sacket - Joint Gael Im:	tet Exposed	10			
Clock to Rating:						
		1				
			100			
			1995 C			
	A CONTRACTOR					

45.6 ft. D / Joint Offset



54.3 ft. D / End of Pipe

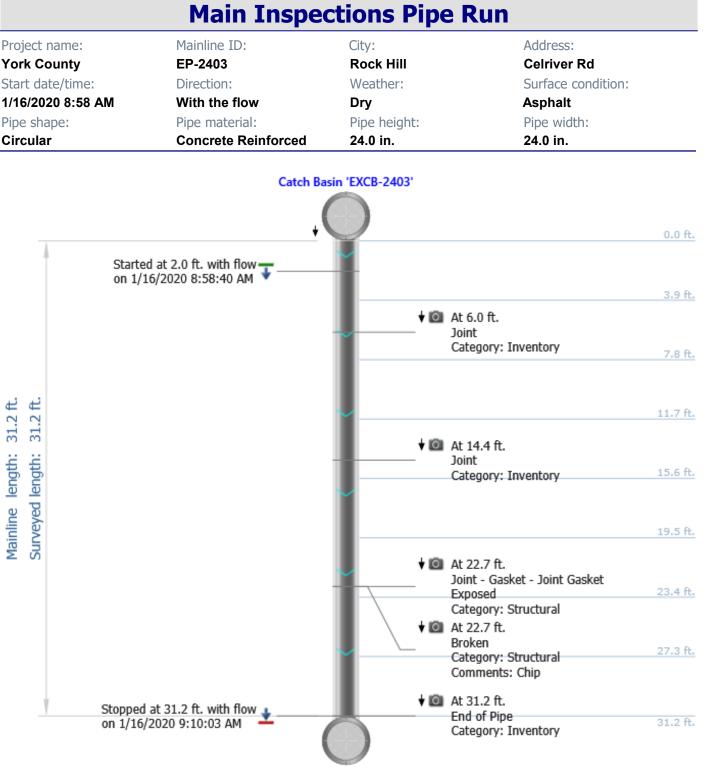


Inspection's photos



EP-2403





Catch Basin 'EXCB-2402'



Main Inspections Small Photos

				1
Mainline ID:	City:	Address:	Project name:	
EP-2403	Rock Hill	Celriver Rd	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/16/2020 8:58 AM	31.2 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EXCB-2403		EXCB-2402		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	24.0 in.	24.0 in.	
Comments:				

Observations

Distance	Dir. Length	From/To	o Code	Modifier/Se	everity Rating	Comments
6.0 ft.	D	Ι	Joint			
Participation and the second			w.			
Distance Joint -	:6.0 IC.		÷			
Joint - Clock fro Clock to	Dm :					
Rating:	stor There					
	A A A A A A A A A A A A A A A A A A A					
	N N.					
	The second second		100			
7.4.4						
	The state of the s	1 mg				
	and the second	1000				

14.4 ft. D / Joint



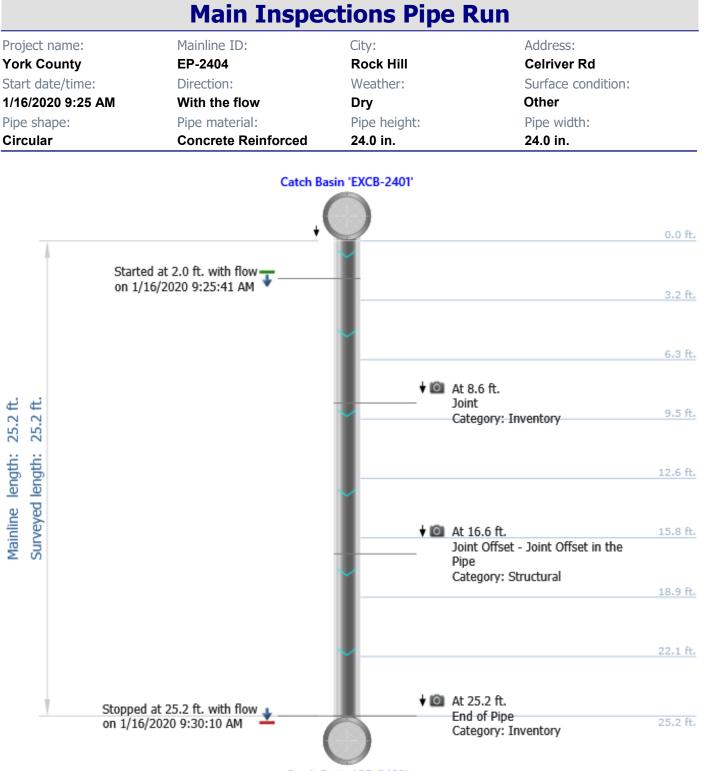
Observations							
Distance	Dir. Length	From/To	Code	Modifier/Severit	ty Rating	Comments	
22.7 ft.	D :22.7 ft. Sasket - Josob Gask	Ι	Joint - Gasket				
22.7 ft. Distance Broken - Clock Sor Clock Sor Sor Clock Sor Clock Sor Clock Sor Clock Sor Sor Clock Sor Clock Sor Sor Clock Sor Sor Sor Clock Sor Sor Sor Clock Sor Sor Sor Sor Sor Sor Sor Sor Sor Sor	D :22.7 ft.	/ P	Broken			Chip	
31.2 ft.	D Class ft.	/ P	End of Pipe				
tinet te Cleat co Catling:		X					

Inspection's photos



EP-2404





Catch Basin 'OP-2403'



Main Inspections Small Photos

				(
Mainline ID:	City:	Address:	Project name:	
EP-2404	Rock Hill	Celriver Rd	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/16/2020 9:25 AM	25.2 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EXCB-2401		OP-2403		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	24.0 in.	24.0 in.	
Comments:				

Observations

Distance	Dir. Length	From/To	Code	M	lodifier/Severity	Rating	Comments
8.6 ft.	D	Ι	Joint				
Distance: Joint - Clock fro Clock to: Rating:	8.6 ft. n:						

16.6 ft. D / Joint Offset



Distance Dir. Length From/To Code Modifier/Severity Rating Comments

25.2 ft. D / End of Pipe



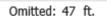
Inspection's photos



EP-2405

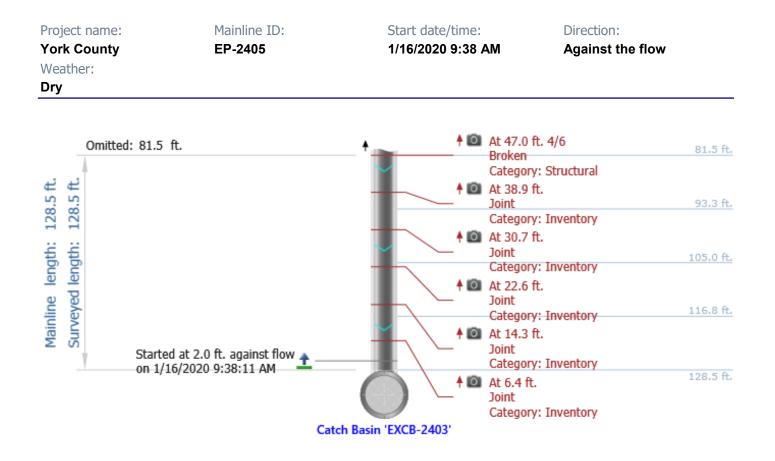


	Main Inspe	ctions Pip	e Run
Project name:	Mainline ID:	City:	Address:
York County	EP-2405	Rock Hill	Celriver Rd
Start date/time:	Direction:	Weather:	Surface condition:
1/16/2020 9:38 AM	Against the flow	Dry	Other
Pipe shape:	Pipe material:	Pipe height:	Pipe width:
Circular	Concrete Reinforced	24.0 in.	24.0 in.
	Catch Ba	sin 'EXCB-2404'	
Stopped at on 1/16/202	128.5 ft. against flow 🛖 🔺	* @	At 128.5 ft. 0.0 ft. End of Pipe Category: Inventory
		+ 6	At 120.1 ft. Joint Category: Inventory
		▲ 1	At 111.9 ft. 20.4 ft.
128.5 ft. 128.5 ft.			Joint
128.5			Category: Inventory
		* °	At 103.9 ft. Joint
÷ ÷			Category: Inventory 40.8 ft.
Mainline length: Surveyed length:			At 95.6 ft.
a a			Joint
Mainline Surveyed			Category: Inventory
Intervention			At 87.4 ft.
Su Su			Joint 61.1 ft.



Joint Category: Inventory 🛉 🔯 At 79.5 ft. Joint Category: Inventory 🛉 🔯 At 71.4 ft. Joint Category: Inventory 🛉 🔯 At 63.1 ft. Joint Category: Inventory At 55.2 ft. Joint Category: Inventory 🛉 🔟 At 47.0 ft. Joint Category: Inventory

81.5 ft.





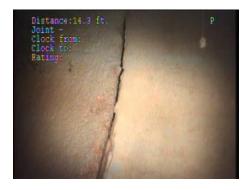
Main Inspections Small Photos

				1
Mainline ID:	City:	Address:	Project name:	
EP-2405	Rock Hill	Celriver Rd	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/16/2020 9:38 AM	128.5 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EXCB-2404		EXCB-2403		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	24.0 in.	24.0 in.	
Comments:				

Observations

Distance Dir. Le	ngth From/To	Code	Modifier/Severity	Rating	Comments
6.4 ft. U	1	Joint			
Distance:6.4 ft. Joint - Clock from: Clock to: Rating:		A			

14.3 ft. U / Joint



Distance	Dir. Length	From/T	o Code	Modifier/Severity	Rating	Comments
22.6 ft.	U	1	Joint			
Distance Joint - Clock fr Clock to Rating:	22.6 ft.		P			

30.7 ft. U / Joint

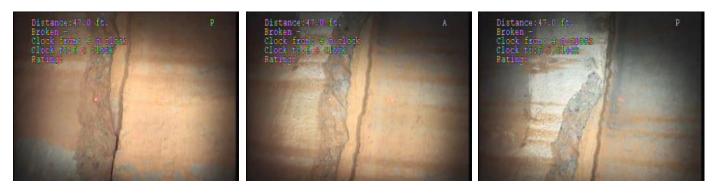


38.9 ft. U / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
47.0 ft.	U	Ι	Joint			
Distance Joint - Clock fs Clock to Rating	:47.0 ft.					

47.0 ft. U 4 / 6 Broken



55.2 ft. U / Joint



Distance	Dir. Length	From/T	o Code	Modifier/Severity	Rating	Comments
63.1 ft.	U	1	Joint			
Distance Joint - Clock fr Clock st Rating:	:63.1 ft.	China State	A			



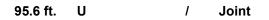
And International Party



79.5 ft. U / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
87.4 ft.	U	Ι	Joint			
Distance Joint - Clock fro Clock to Rating:	:87.4 ft.					
	P					



and the second division of the second divisio



103.9 ft. U / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
111.9 ft.	U	1	Joint			
Distance: Joint - Clock for Clock for Rating	111.9 ft.					



u



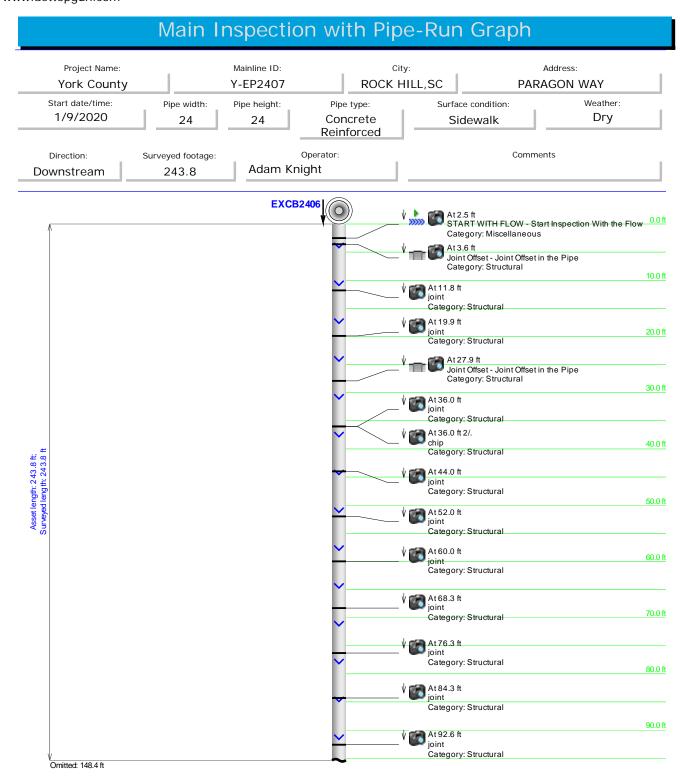
128.5 ft. U / End of Pipe

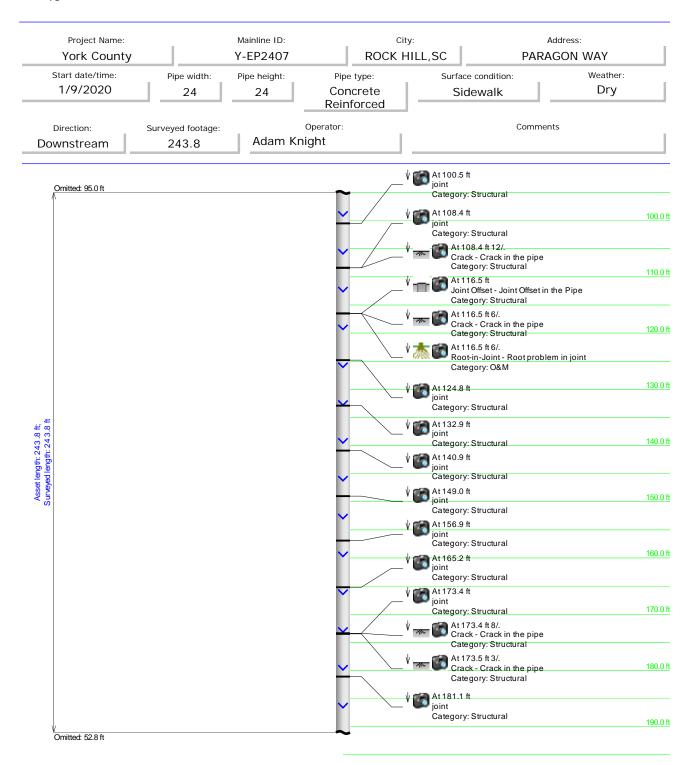


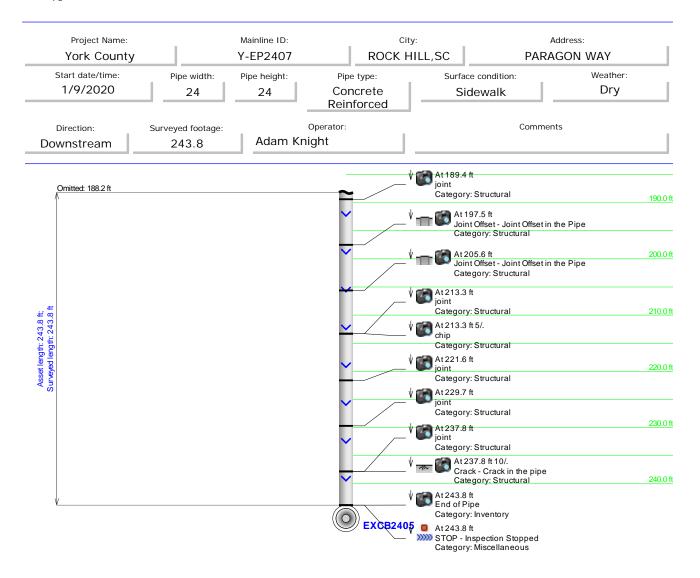
Inspection's photos

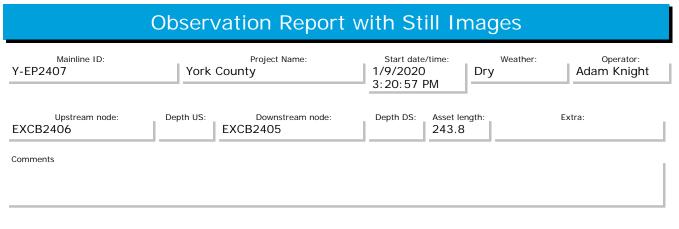
- Fight Hots/stmat 3/16/2017 Buse AM Calline IO: Steam Helm BP-2015 1955gart name: York County
Unergebor: Chance Wity:Sock Bill Address: Celliver Bd (Jostreem bode: Celth Gasth Extre21):
Sometrees note: Tehch Basin EXCB-2405
Classion: Agains, the flow Succes condicion whier Shys beight: 28 in Fice midth: 28 in
tip: shape: Chicking tip: shapist; Controls peinforced

EP-2407





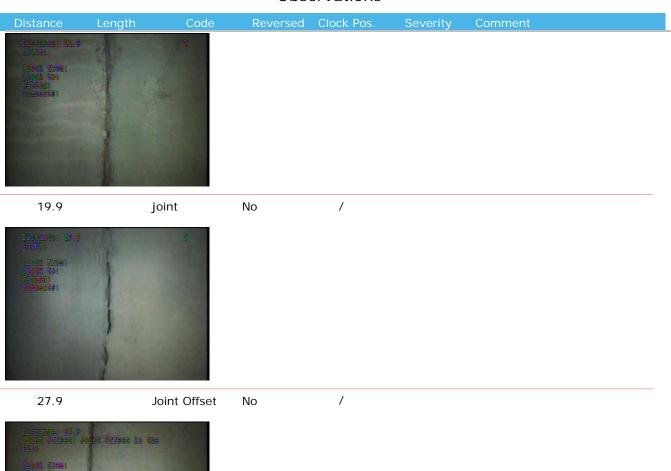




Observations

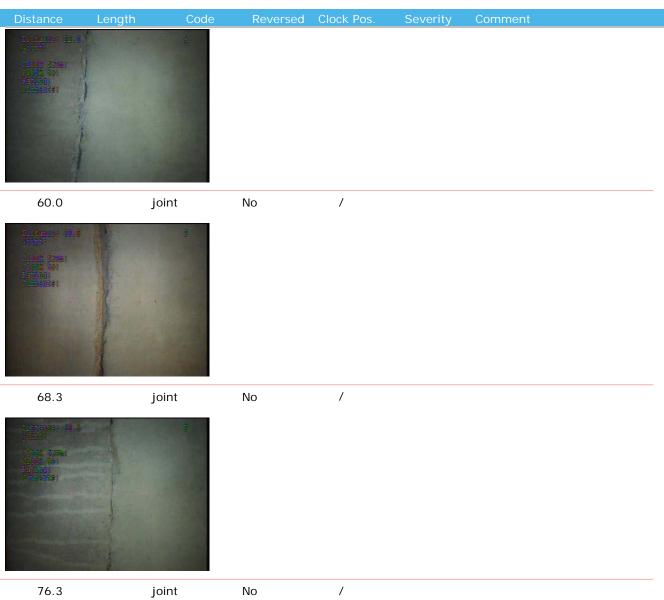
Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment
2.5		START WITH FLOW	No	/		
1/9/2020 3130 Project Mamer Obszator: Adm Olsy: ROCK RU Dystrama Bode Donastram Bode Donastram Bode Donastram Bode Donastram Bode Purface condis Fipe shape: C Ooncrete Bain Masther: Dry Comments	(a) EXCELLAS NGETILAS ALAS INVENTION					
3.6		Joint Offset	No	/		
3.5 92		3				
11.8		joint	No	/		

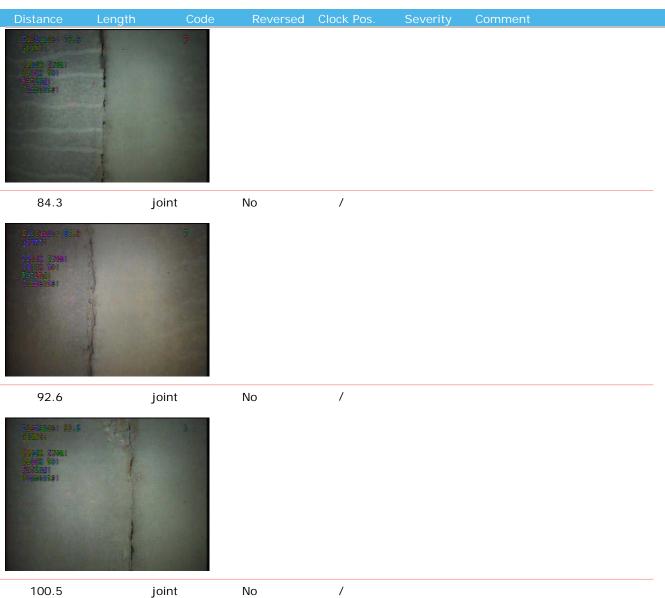
Observations with Still Images





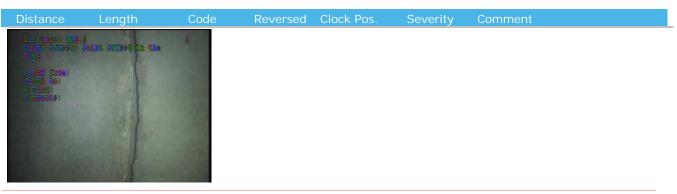








Observations

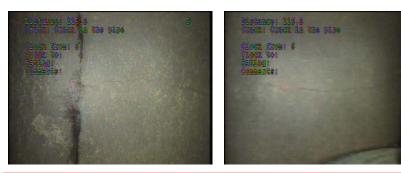


116.5

Crack

6 /

No



116.5 Root-in-Joint No 6 /



124.8

joint

No

/

Observations with Still Images

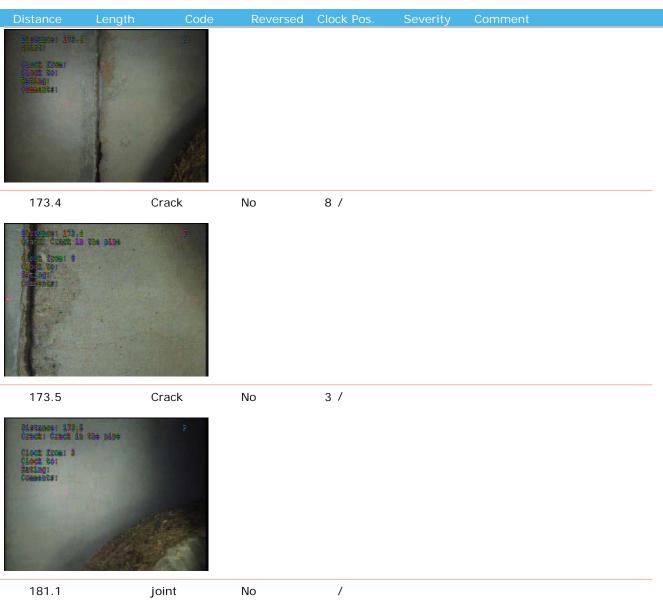


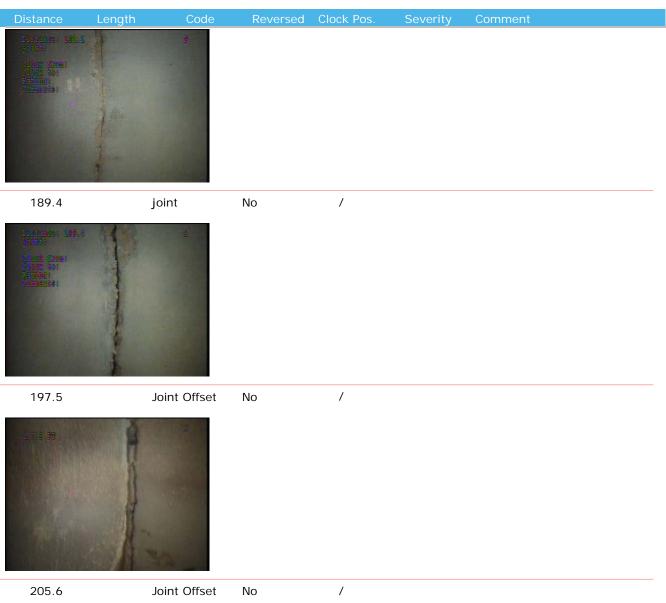
Observations



Observations with Still Images

Tuesday, January 14, 2020 11:02 AM





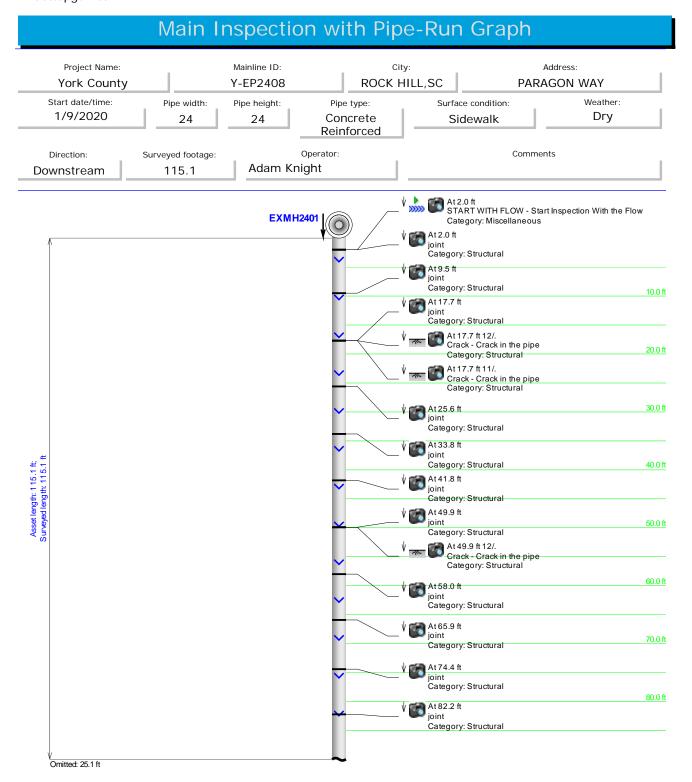


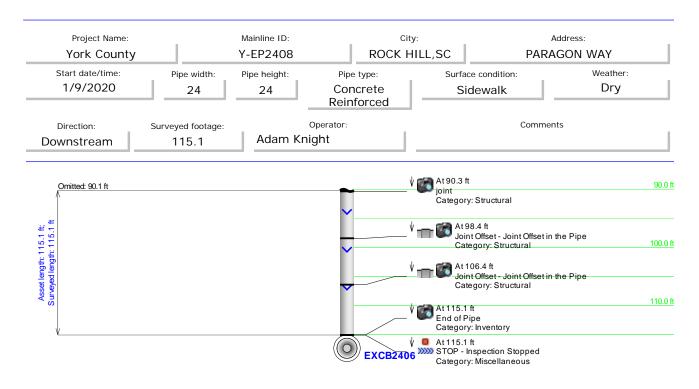


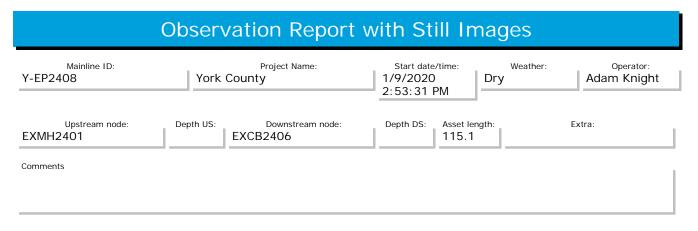


243.8	STOP	No	/

EP-2408





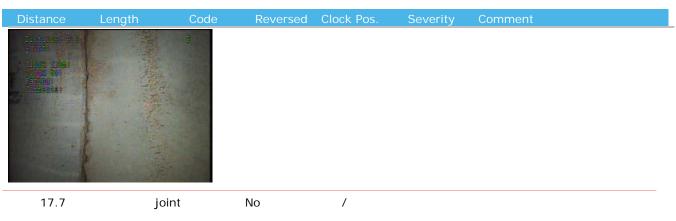


			Obse	ervations			
Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment	
2.0		START WITH FLOW	No	/			
UDSCLOOM BOODS	le i ZUVEZ LOG Influenci	A					
2.0		joint	No	/			
pistapsa 2.9 gilti Jist 2004 astro astro astro astro							
9.5		joint	No	/			

Observations

Observations with Still Images

Observations





17.7 Crack No 12 /



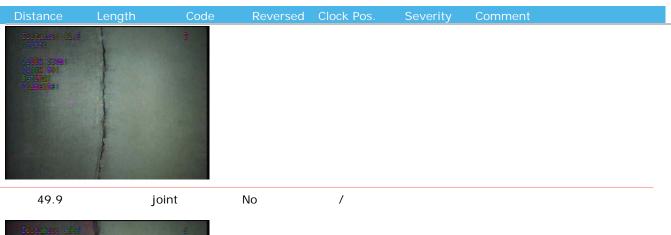
Observations with Still Images

Tuesday, January 14, 2020 10:50 AM

Page 2 of 7



Observations





49.9 Crack No 12 /



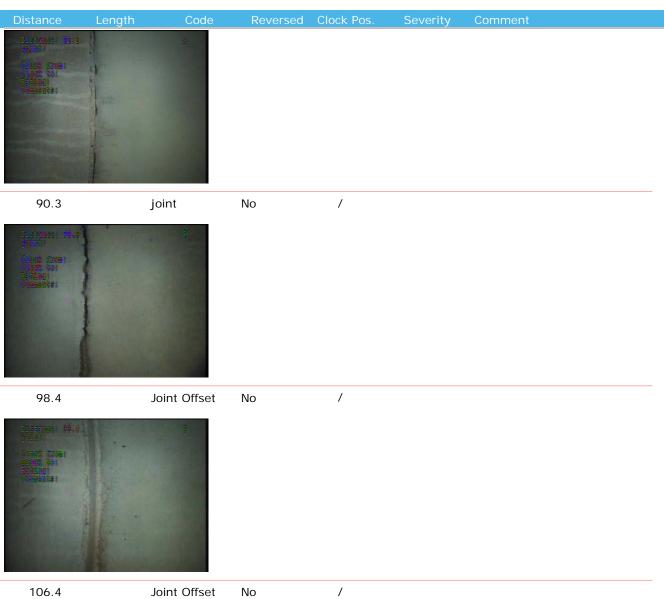
Observations with Still Images

Tuesday, January 14, 2020 10:50 AM

Page 4 of 7



Observations

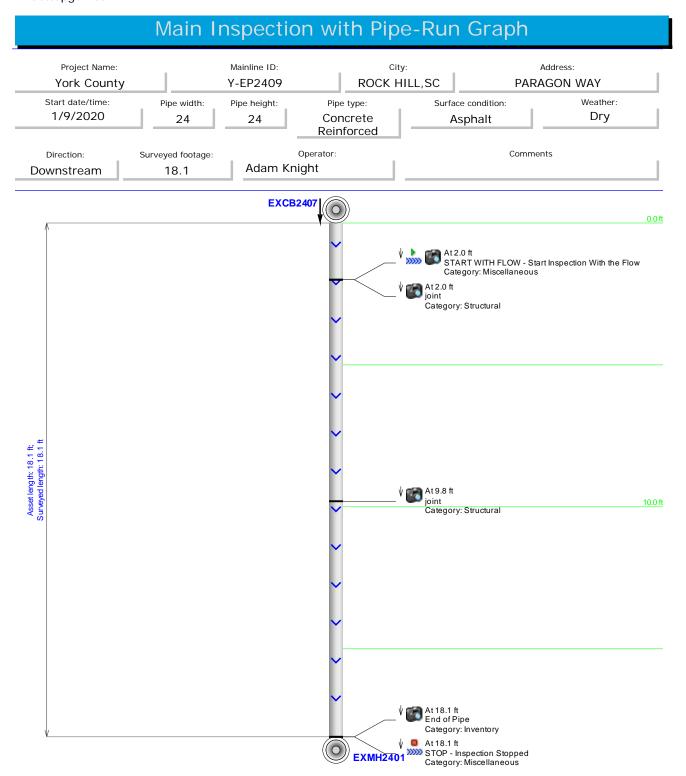


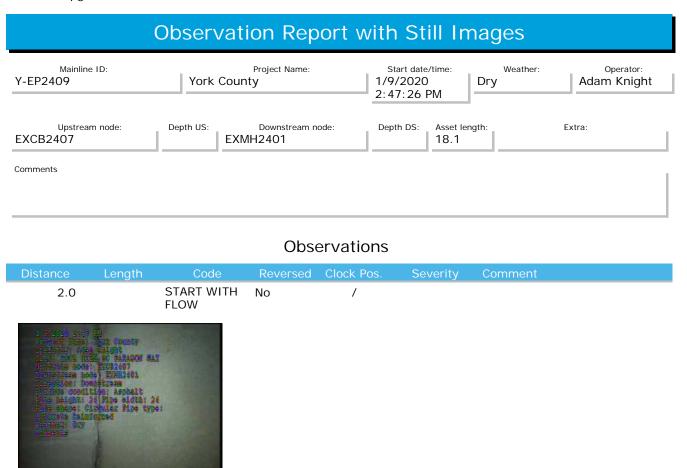
Observations with Still Images

Tuesday, January 14, 2020 10:50 AM



EP-2409





2.0	joint	No	/	
Clotances 2.5 paces Close Sooms Close Sooms Close Sooms Saturgs				
9.8	joint	No	/	

Observations with Still Images

Tuesday, January 14, 2020 10:44 AM



EP-2410



AET Services, LLC 623 Rices Creek Road Liberty, SC 29657 2504 River Road Piedmont, SC 29673 844-8TOPGUN

	Main Inspe	ections Pip	e Run	
Project name:	Mainline ID:	City:	Address:	
ork County	EP-2410	Rock Hill	Paragon Way	
tart date/time:	Direction:	Weather:	Surface condition:	
/15/2020 1:41 PM	With the flow	Dry	Other	
ipe shape:	Pipe material:	Pipe height:	Pipe width:	
ircular	Concrete Reinforced	24.0 in.	24.0 in.	
	Catch B	asin 'EX-CB-2408'		
	Started at 2.0 ft. with flow	+	At 3.0 ft.	0.0 f
1	on 1/15/2020 1:41:43 PM 🔹 🦳	~	Joint	
		1.02	Category: Inventory At 11.3 ft.	9.5
		¥ 12	Joint	9.51
			Category: Inventory	
		+ 🖻	At 19.4 ft.	19.1
			Joint	15.1
			Category: Inventory	
92.8 ft.		+ 10	At 27.5 ft.	28.6
92.8		\sim	Joint Category: Inventory	20.0
		+ 12	At 35.7 ft.	
i i i i i i i i i i i i i i i i i i i			Joint Offset - Joint Offset in the	38.2
Surveyed length:			Pipe	30.2
Surveyed length:			Category: Structural	
			Comments: Misaligned	47.7
∎ ≚		+0	At 43.7 ft.	47.7
S IS			Joint Category: Inventory	
		+ 10	At 51.8 ft.	
			Joint	57.2
			Category: Inventory	
		+ 🖻	At 59.9 ft.	
			Joint	66.8
			Category: Inventory	
		× 🖻	At 67.9 ft. Joint	
Omitted: 16	5 8		Category: Inventory	76.3
Omitted: 16	лэ IL.	+ 16	At 76.3 ft.	
			Joint	
			Category: Inventory	





AET Services, LLC 623 Rices Creek Road Liberty, SC 29657 2504 River Road Piedmont, SC 29673 844-8TOPGUN

Main Inspections Small Photos

Mainline ID:	City:	Address:	Project name:	
EP-2410	Rock Hill	Paragon Way	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/15/2020 1:41 PM	92.8 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EX-CB-2408		EX-CB-2407		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	24.0 in.	24.0 in.	
Comments:				

Observations

Distance Dir. Length	From/To Code	Modifier/Severity	Rating Comments
3.0 ft. D	/ Joint		
Distance:3.0 ft. Joint - Clock from Clock bot Rating	P		

11.3 ft. D / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity Rating Comments
19.4 ft.	D	1	Joint	
Distance Joint - Clock fr Clock to Rating	:19.4 ft.		A	





35.7 ft. D / Joint Offset



Misaligned

Distance	Dir. Length	From/To	o Code	Modifier/Severity	Rating	Comments
43.7 ft.	D	1	Joint			
Distance: Joint - Clock for Rating:	:43.7 ftt.		P			





59.9 ft. D / Joint



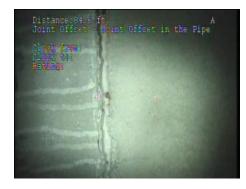
Distance Dir. I	ength From/	To Code	Modifier/Severity	Rating	Comments
67.9 ft. D	1	Joint			
Distance:67.9 ft. Joint - Clock from: Clock too Rating:		P			



Street, Square, Squa



84.6 ft. D / Joint Offset



Distance	Dir. Length	From/T	o Code	Modifier/Severity	Rating	Comments
92.8 ft.	D	1	End of Pipe			
Distance	196 B 688	371/2	à-			
End of P Clock fr	198 - 911	X	10			
Seturia:			- 3			
		VI	100			
		1.30.5	Sec.			
APRIL 1						

Inspection's photos

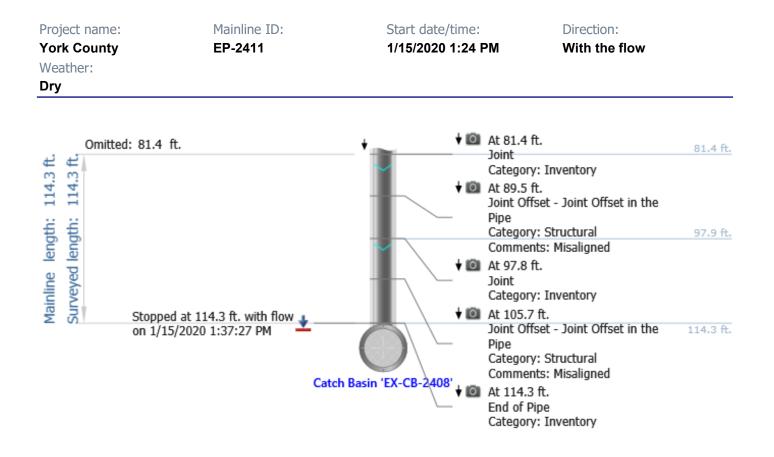


EP-2411



AET Services, LLC 623 Rices Creek Road Liberty, SC 29657 2504 River Road Piedmont, SC 29673 844-8TOPGUN

	Main Inspe	ctions Pip	e Run	
Project name:	Mainline ID:	City:	Address:	
York County	EP-2411	Rock Hill	Paragon Way	
Start date/time:	Direction:	Weather:	Surface condition:	
1/15/2020 1:24 PM	With the flow	Dry	Other	
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	24.0 in.	24.0 in.	
	Catch Ba	sin 'EX-CB-2409'		
Starte	ed at 2.0 ft. with flow 🛖			0.0 ft.
on 1/	15/2020 1:24:25 PM 🎽	+ 🛙	At 7.9 ft.	
			Joint	
		1.02	Category: Inventory At 16.1 ft.	
			Joint	18.3 ft
114.3 ft. 114.3 ft.		×	Category: Inventory	
114.3		+@	At 24.0 ft.	
			Joint Offset - Joint Offset in the	
Mainline length: Surveyed length:			Pipe Category: Structural	36.6 ft
bua		+0	At 32.2 ft.	001011
a a b			Joint Offset - Joint Offset in the	
eye eye			Pipe Category: Structural	
Mainline length: Surveyed length:			Comments: Misaligned	
ΣØ			At 40.5 ft.	54.8 ft
			Joint	
			Category: Inventory	
			At 48.8 ft. Joint	
			Category: Inventory	
Omitted: 41.2 ft.		+10	At 56.9 ft.	73.1 ft
			Joint	
		1	Category: Inventory At 65.1 ft.	
		\\ •==	Joint Offset - Joint Offset in the	
			Pipe	
		\	Category: Structural Comments: Misaligned	
		L 12	At 73.1 ft.	
			Joint Offset - Joint Offset in the	
			Pipe	
			Category: Structural	





AET Services, LLC 623 Rices Creek Road Liberty, SC 29657 2504 River Road Piedmont, SC 29673 844-8TOPGUN

Main Inspections Small Photos

	_			1
Mainline ID:	City:	Address:	Project name:	
EP-2411	Rock Hill	Paragon Way	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/15/2020 1:24 PM	114.3 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EX-CB-2409		EX-CB-2408		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	24.0 in.	24.0 in.	
Comments:				

Observations

Distance Dir. Length	From/To Code	Modifier/Severity	Rating	Comments
7.9 ft. D	/ Joint			
Distance:7.9 ft. Joint - Clock from: Clock hay Rating:	P			

16.1 ft. D / Joint

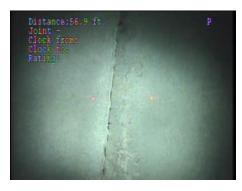


							-
Distance	Dir. Length	From/To	Code	Moc	lifier/Severity	Rating	Comments
24.0 ft.	D	1	Joint Offset				
Distance Joint Of	:24.0 ft. fset - Joint Offset	, in the Pipe					
Clock fr Clock to Rating:			5				

32.2 ft. D	/ Joint Offset	Misaligned
Distance:32.2 ft. Joint Offset - Joint O	Ffset in the Dine	
Clock Eram: Clock 50:		
Ratinge		
Hisalimad		
	29	
A STATE OF THE STATE OF THE STATE		
40.5 ft. D	/ Joint	
Distance:40.5 ft.	A	
Joint - Clock from:		

Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
48.8 ft.	D	1	Joint			
Distance Joint - Clock fr Clock to Rating:	HB.8 ft.		P			





65.1 ft. D / Joint Offset



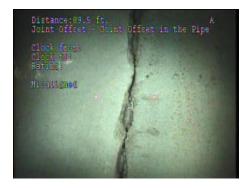
Misaligned

Distance	Dir. Length	From/To	o Code	Modifier/Severity	Rating	Comments
73.1 ft.	D	1	Joint Offset			
Distance Toint Of	:73.1 ft. fset - Joint Difset	in the Dive	A			
		. in the ripe				
Clock fo Clock to Rating:						
	•					
	15					
	1.1					





89.5 ft. D / Joint Offset



Misaligned

Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
97.8 ft.	D	Ι	Joint			
Distance: Joint - Clock Fro Clock Fbi Bating:	97.8 ft.	P				

105.7 ft. D	/ Joint Offset	Misaligned
Distance:105.7 ft. Joint Offset - Joint Of	feet in the Pipe	
Clock from: Clock box Rating:		
Rissilamed		
1		
2 de		

114.3 ft. 1 End of Pipe D



Inspection's photos



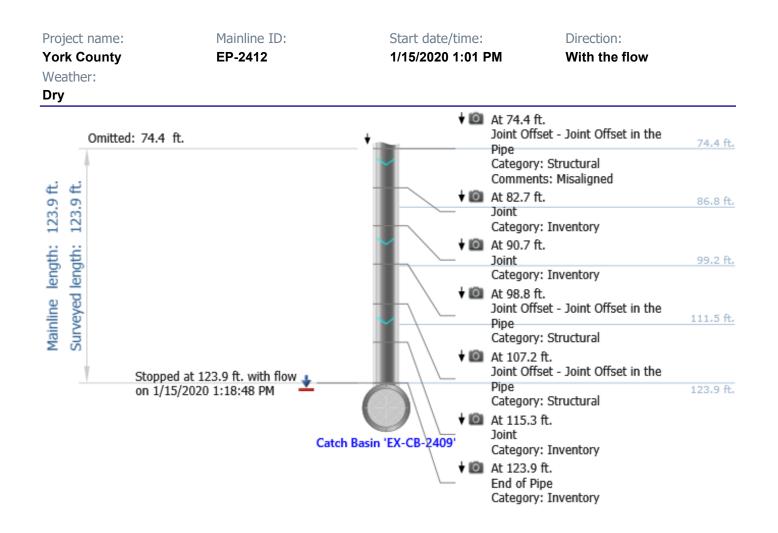
EP-2412



AET Services, LLC 623 Rices Creek Road Liberty, SC 29657 2504 River Road Piedmont, SC 29673 844-8TOPGUN

	Main Inspe	ctions Pip	e Run	
Project name:	Mainline ID:	City:	Address:	
York County	EP-2412	Rock Hill	Paragon Way	
Start date/time:	Direction:	Weather:	Surface condition:	
1/15/2020 1:01 PM	With the flow	Dry	Other	
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	24.0 in.	24.0 in.	
	Catch Ba	sin 'EX-CB-2410'		
	ed at 2.0 ft. with flow	\bigcirc		0.0 ft.
on 1/	15/2020 1:01:23 PM 💙	¥ 🗉	At 9.0 ft.	
			Joint	
ਦ ਦ		1.02	Category: Inventory	16.6 ft.
0,0 <u>,</u>			At 17.4 ft. Joint	
123		M	Category: Inventory	
		+@	At 25.6 ft.	
gth gth			Joint Offset - Joint Offset in the	33.2 ft.
len len			Pipe Category: Structural	
e B		+ 10	At 33.7 ft.	
/e/			Joint	
Mainline length: Surveyed length:			Category: Inventory	49.7 ft.
2 0)			At 41.8 ft.	
		→	Joint Offset - Joint Offset in the Pipe	
			Category: Structural	
Omitted: 57.6 ft			Comments: Misaligned	66.3 ft.
onneeder of to the		\ + 📧	🛯 📶 At 41.8 ft. 2/.	
		111 -	Crack - Crack in the pipe	
		111	Category: Structural At 50.0 ft.	
		_ * •	Joint	
		11	Category: Inventory	
		+ 10	At 58.0 ft. Joint Offset - Joint Offset in the	
			Pipe	
			Category: Structural	
			Comments: Misaligned	

🕈 🔟 At 66.3 ft. Joint Category: Inventory





AET Services, LLC 623 Rices Creek Road Liberty, SC 29657 2504 River Road Piedmont, SC 29673 844-8TOPGUN

Main Inspections Small Photos

	_			1
Mainline ID:	City:	Address:	Project name:	
EP-2412	Rock Hill	Paragon Way	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/15/2020 1:01 PM	123.9 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EX-CB-2410		EX-CB-2409		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	24.0 in.	24.0 in.	
Comments:				

Observations

Distance Dir. Length	From/To Code	Modifier/Severity	Rating	Comments
9.0 ft. D	/ Joint			
Distance:9.0 ft. Joint - Clock from: Clock to: Rating:	A			

17.4 ft. D / Joint

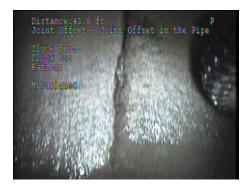


Distance	Dir. Length	From/T	o Code	Modifier/Severity	Rating	Comments
25.6 ft.	D	1	Joint Offset			
Distance	INS & FE		P			
	125.6 ft. iset – Jeann Geiset	in the Pipe	E.			
Clock is Clock be Rating:	900 S					
Ratings	4					
			10			
	No.					
	And a second second second second second second second second second second second second second second second					





41.8 ft. D / Joint Offset



Misaligned

Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
41.8 ft.	D	2 /	Crack			
Distance Crack - (Clock fr Clock to Ratings	41.0 fr. Crack in the pipe the 2 e sloak	٨				





58.0 ft. D / Joint Offset



Misaligned

Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
66.3 ft.	D	1	Joint			
Distance: Joint - Clock fro Clock to: Rating:	om :					
7	ł					

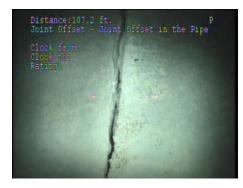
74.4 ft. D	/ Joint Offset	Misaligned
Distance:74.4 ft. Joint Offset - Joint	A Diffect in the Dine	
Clock from: Clock from: Clock for		
Rating:		
Hisaligned		
19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
1 Alexandre		
82.7 ft. D	/ Joint	
Distance:82.7 ft. Joint - Clock from: Clock to: Rating:	P	
Clock to: Clock to: Faring:	40	

Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
90.7 ft.	D	1	Joint			
Distance Joint - Clock fr Clock to Ratings	:90.7 ft.		P			

98.8 ft. D / Joint Offset



107.2 ft. D / Joint Offset



Distance	Dir. Length	From/	To Code	Modifier/Severit	y Rating	Comments
115.3 ft.	D	1	Joint			
Distance	115.3 ft.		А			
Joint - Clock fro Clock to						
	1.					
	- 1					

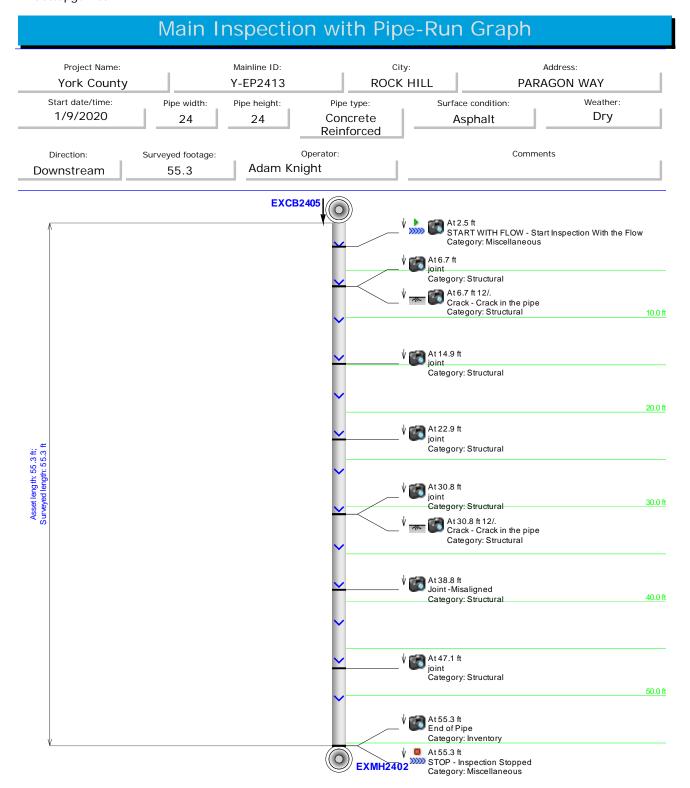
123.9 ft. D / End of Pipe

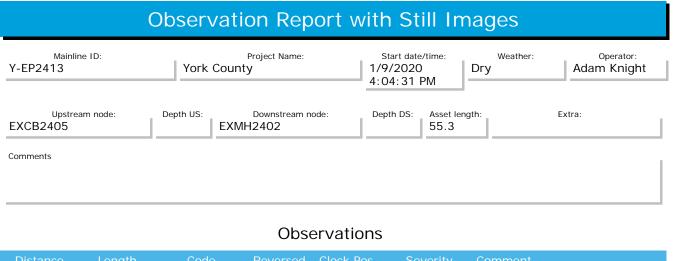


Inspection's photos



EP-2413





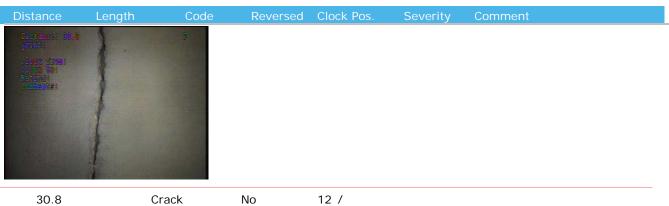
Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment
2.5		START WITH FLOW	No	/		
1/9/2020 4:04 Project Mamer Operator: Ada Clay: DOCS BC Dystream Bod Domstream Bo Burtace Bod Burtace Cond Burtace Bod Burtace Base Domstream Concete Base Commerce	LL PATARAG DAI 1 EXCELES de: EDJE1803 MISTIFAT 25 Face victor 3:					
6.7		joint	No	/		
Listeness B.T grant: List State Sist State Factors Tatistas						
6.7		Crack	No	12 /		

Observations with Still Images

Observations



Observations



30.8

Crack

12 /

the Mas

/



Joint -Misaligned 38.8 No



47.1

joint

/

No

Observations with Still Images

Tuesday, January 14, 2020 11:08 AM

Page 3 of 4

Observations



EP-2414



Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment
2.5		START AGAINST FLOW	Yes	/		
A 14 /2010 AD /2 Dogard Bane Coarseau Carl Note Domartan Adde Domartan Adde Domartan Adde Domartan Adde Domartan Adde Domartan Adde Carl Note Carl Coarse Condition Coarse Condition Coarse Condition Coarse Coarse Coarse Co	S AN Book Constant Include Lang Lang Lang Lang Lang Lang Lang Lang	16				
3.8		joint	Yes	/		
Distantes, Sr.S Sector Costor States Costor States Costor States Reficient Reficient Reficient Reficient						
4.1		Joint - Gasket	Yes	/		

Observations







19.9 joint Yes /



19.9

Crack

12 /

Yes

Observations with Still Images

Friday, January 17, 2020 1:53 PM

Page 2 of 5

Observations



Friday, January 17, 2020 1:53 PM

Observations



Observations with Still Images

Friday, January 17, 2020 1:53 PM

Observations



EP-2415



AET Services, LLC 623 Rices Creek Road Liberty, SC 29657 2504 River Road Piedmont, SC 29673 844-8TOPGUN

	Main Inspe			
roject name:	Mainline ID:	City:	Address:	
ork County	EP-2415	Rock Hill	Paragon Way	
tart date/time:	Direction:	Weather:	Surface condition:	
/16/2020 12:25 PM	Against the flow	Dry	Concrete	
ipe shape:	Pipe material:	Pipe height:	Pipe width:	
ircular	Concrete Reinforced	24.0 in.	24.0 in.	
	Catch B	asin 'EXCB-1820'		
	65.8 ft. against flow 🛖 🕴 🛉		At 65.8 ft. End of Pipe).0 ft
on 1/16/20	20 12:36:20 PM T		Category: Inventory	
		+ 🖸	At 63.9 ft.	
			Joint 8	.2 f
		-	Category: Inventory	
			At 55.8 ft. Joint	
				.5 f
		≬ (0)	At 47.6 ft.	101
			Joint	
2 62			Category: Inventory	
o oo		M → 10	At 47.6 ft. 6/9 24	1.7 fl
65.8 ft.			Crack - Crack in the pipe	
			Category: Structural	
Surveyed length:		↑ ©	At 47.6 ft. 3/6 32	.9 fl
Surveyed length:			Crack - Crack in the pipe Category: Structural	
<u>a</u> a			At 39.3 ft.	
)e/				.1 f
un			Category: Inventory	
2 00		Image: Image	At 31.5 ft.	
			Joint	
			Category, inventory).4 fl
		▲ 1	At 23.5 ft.	
			Joint Category: Inventory	
			57	.6 fl
			At 15.0 ft. Joint	
Started a	t 2.0 ft. against flow 🔺		Category: Inventory	
on 1/16/2	2020 12:25:35 PM	- i 🖌 🗼 i 🏹	At 6.9 ft.	
			Joint 65	5.8 fl
			JOINE	

Catch Basin 'EXCB-2412'



AET Services, LLC 623 Rices Creek Road Liberty, SC 29657 2504 River Road Piedmont, SC 29673 844-8TOPGUN

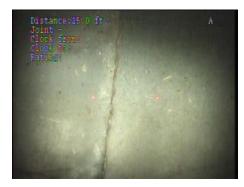
Main Inspections Small Photos

Mainline ID:	City:	Address:	Project name:
EP-2415	Rock Hill	Paragon Way	York County
Start date/time:	Asset length:	Weather:	Operator:
1/16/2020 12:25 PM	65.8 ft.	Dry	Chance
Upstream node:	Depth US:	Downstream node:	Depth DS:
EXCB-1820		EXCB-2412	
Pipe shape:	Pipe material:	Pipe height:	Pipe width:
Circular	Concrete Reinforced	24.0 in.	24.0 in.
Comments:			

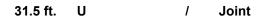
Observations

Distance	Dir. Length	From/To	o Code	Мс	difier/Severity	Rating	Comments
6.9 ft.	U	1	Joint				
Distance: Joint -	6.9 ft.		A				
Joint - Clock fr Clock boi Rating:							
	1 /		1				
and a	224		1				
	1						
	and prost	1 yest					

15.0 ft. U / Joint



Distance	Dir. Length	-rom/To	Code	Modifier/Severity	Rating	Comments
23.5 ft.	U	1	Joint			
Distance Joint - Clask fr Clask fr Rationg	calls ft.	J	A			



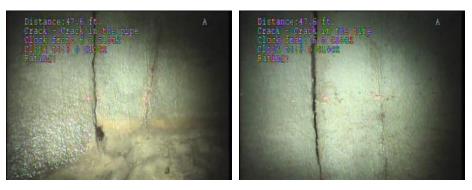


39.3 ft. U / Joint

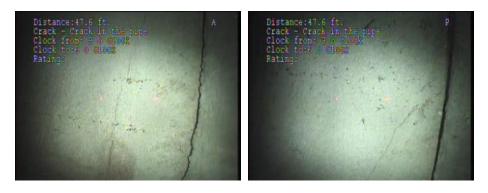


Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
47.6 ft.	U	1	Joint			
Distance Joint - Clock fry Clock an Rating:	47.6 ft.		A			





47.6 ft. U 3 / 6 Crack



Distance	Dir. Length	From/T	O Code	Modifier/Severity	Rating	Comments
55.8 ft.	U	1	Joint			
Distance	:55.8 ft.		P			
Joint - Clock fr Clock to Ratings	100 E					
Lock by Ratings						
	Ch I					
	halk is					
	and rail					
	and a superior		1000			





65.8 ft. U / End of Pipe



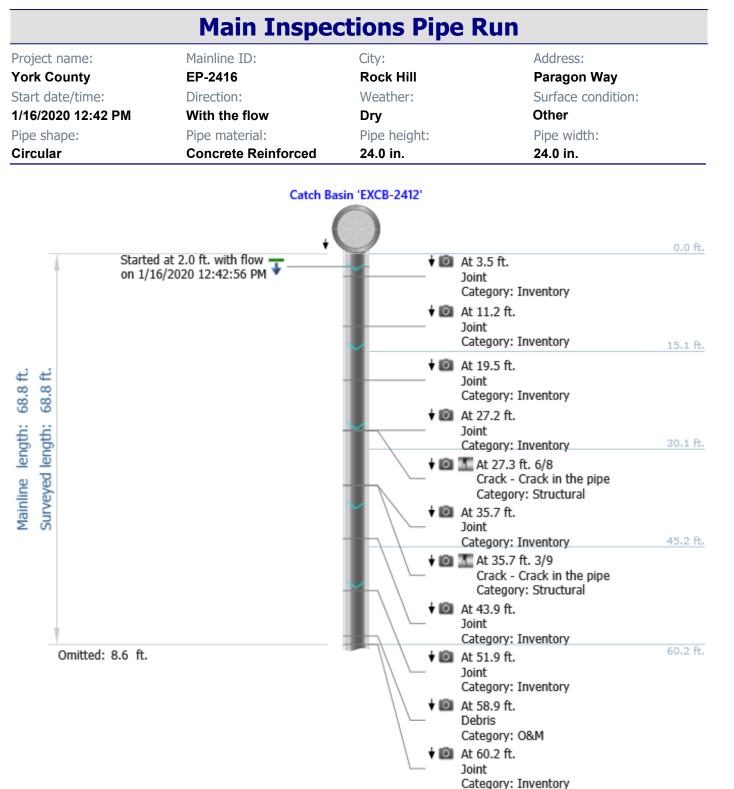
Inspection's photos



EP-2416



AET Services, LLC 623 Rices Creek Road Liberty, SC 29657 2504 River Road Piedmont, SC 29673 844-8TOPGUN



Project name: York County Weather: Dry	Mainline ID: EP-2416	Start date/tim 1/16/2020 12:		
leng	: 68.8 ft. Stopped at 68.8 ft. with flow on 1/16/2020 1:05:18 PM	, _+0	At 68.8 ft. 6/. Debris Category: O&M At 68.8 ft. Abandoned Survey	68.8 ft. 68.8 ft.
Mainline Surveyed		Catch Basin 'OP-2410'	Abandoned Survey Category: Miscellaneous	



AET Services, LLC 623 Rices Creek Road Liberty, SC 29657 2504 River Road Piedmont, SC 29673 844-8TOPGUN

Main Inspections Small Photos

Mainline ID:	City:	Address:	Project name:	
EP-2416	Rock Hill	Paragon Way	York County	
Start date/time:	Asset length:	Weather:	Operator:	
1/16/2020 12:42 PM	68.8 ft.	Dry	Chance	
Upstream node:	Depth US:	Downstream node:	Depth DS:	
EXCB-2412		OP-2410		
Pipe shape:	Pipe material:	Pipe height:	Pipe width:	
Circular	Concrete Reinforced	24.0 in.	24.0 in.	
Comments:				

Observations

Distance	Dir. Length	From/T	o Code	Modifier/Severity Ra	Rating	Comments
3.5 ft.	D	1	Joint			
Distance: Joint - Clock fro Clock to: Rating:	3.5 ft.		A			

11.2 ft. D / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
19.5 ft.	D	1	Joint			
Distance: Joint - Clock for Clock kay Rating:	19.5 ft.		A			
		and the second				
		and and	100			





27.3 ft. D 6 / 8 Crack



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
35.7 ft.	D	1	Joint			
Distance Joint - Clock fo Clock to Raning	:35.7 ft.		A			

35.7 ft. D 3 / 9 Crack



43.9 ft. D / Joint



Distance	Dir. Length	From/To	Code	Modifier/Severity	Rating	Comments
51.9 ft.	D	1	Joint			
Distance Joint - Clock fro Clock to Ratings			100			

58.9 ft. D / Debris



60.2 ft. D / Joint



3.8 ft. D 6 / Debris	ienistrāt.9 dit. 28	stance Dir. Leng	th From/To Code	Modifier/Severity	Rating Comments
Dabila	28 = Britens i o elors	3.8 ft. D	6 / Debris		
Dabila	28 = Britens i o elors	The second state of the			
Clock to: Clock to: Aating:	ang:	Debris =	and the second		
ating:	agt	Leen green: 5 o closs	and the second second		
		tating:	Contraction of the second second second second second second second second second second second second second s		
	53		And And And And And And And And And And		

68.8 ft. D

Abandoned Survey



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Inspection's photos



EP-3001

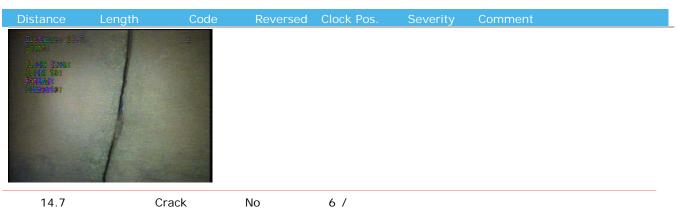


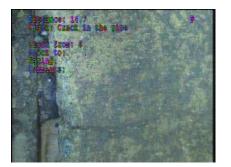
Observations with Still Images

Friday, January 17, 2020 2:01 PM

Page 1 of 7

Observations





14.7 Joint - Gasket No 12 /



22.7 joint No

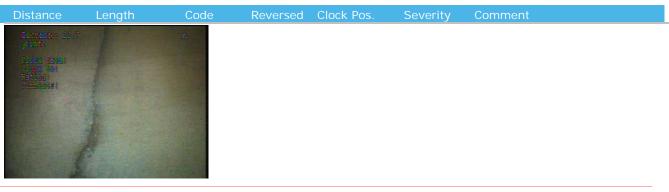
/

Observations with Still Images

Friday, January 17, 2020 2:01 PM

Page 2 of 7

Observations



/

22.7 24.3 Crack - Major No 6 /



30.7 Joint - Gasket No



30.7 24.6 Crack - Major No 12 /

Observations with Still Images

Observations



Observations



47.0 Joint - Gasket No 1 /



55.3 joint No /



63.0 joint No

/

Observations with Still Images

Observations



Observations with Still Images

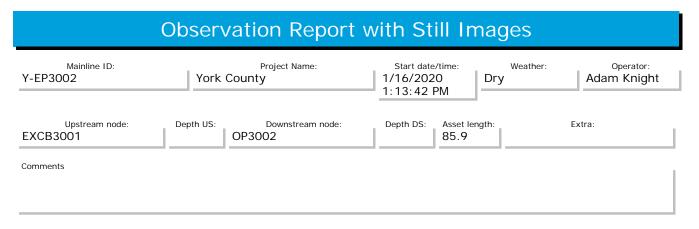
Observations

			0030				
Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment	
Elementer 73.3 Silvita 7. FEE EZEDI 9. STO. Sal Silvita Sal							
71.2	cł	nip	No	3 /			
I STERGER 74.3 Bildy (Loce Sour 2 Jung Rot Steren Visiting) Visiting							
80.3	Er	nd of Pipe	No	/			
Cictores, in it Rai in Acta Lang Comes Lang Ani Ritary Vicing Ani							

80.3 STOP No /

Observations with Still Images

EP-3002

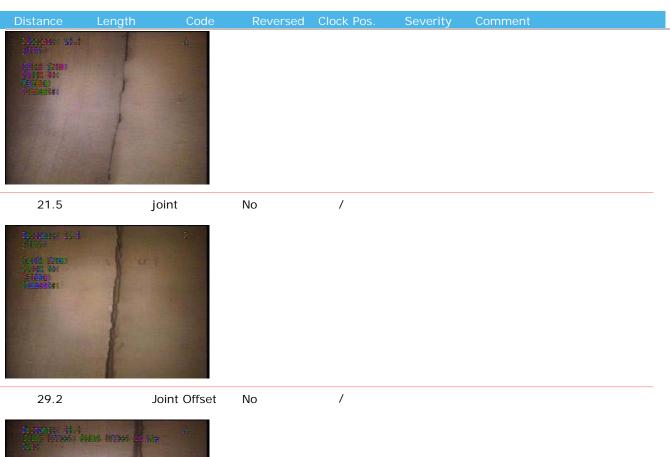


		Obs	servations			
Distance	Length Code	Reversed	Clock Pos.	Severity	Comment	
2.5	START WI FLOW	TH No	/			
A ASTANA ASTA	and the second s					
5.8	joint	No	/			
Tiblerten 1.8 (507) Liste Somt Liste For Asting (tennis)						
13.3	joint	No	/			

Observations

Observations with Still Images

Observations

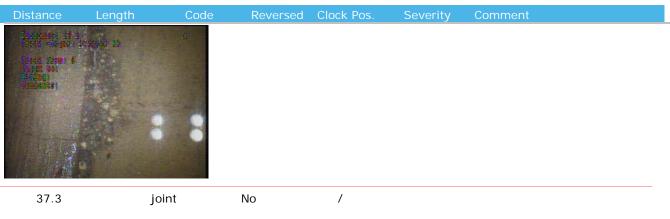




29.2 8.1 Crack - Major No 6 /

Observations with Still Images

Observations

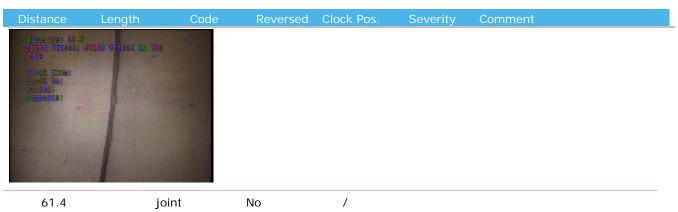




45.4 Joint Offset No /



Observations





69.9 Joint Offset No /



77.6 Joint Offset No

Observations with Still Images

/

Observations



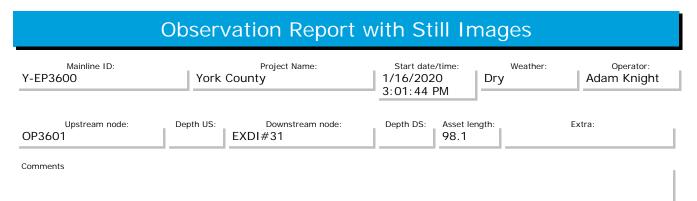


85.9 End of Pipe No /

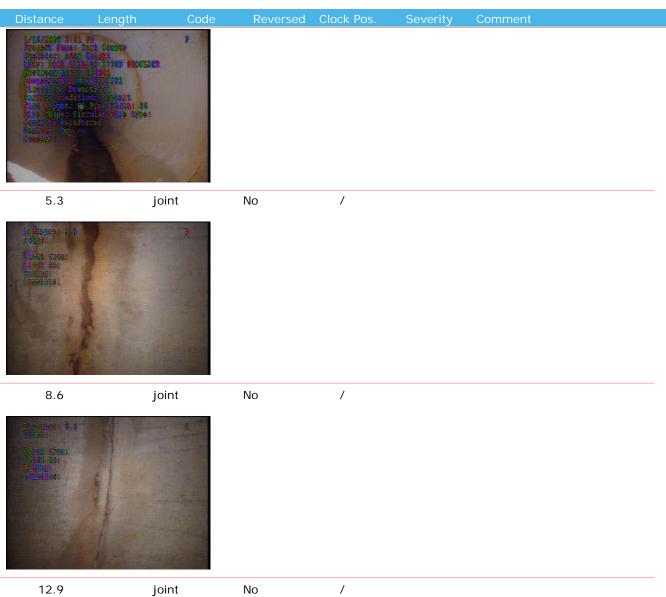


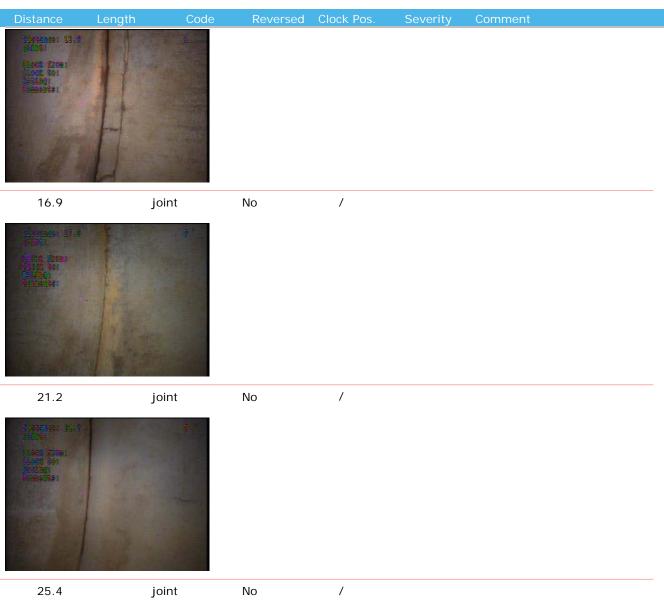
86.3 STOP No /

EP-3600



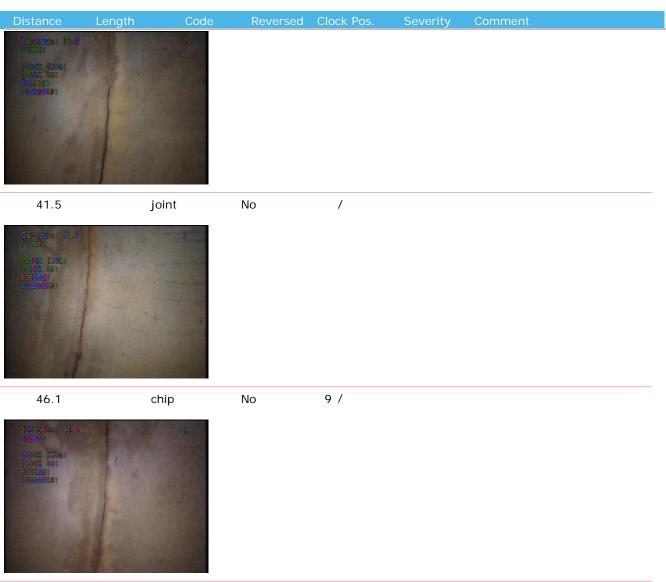
Observations							
Dista	ince	Length	Code	Reversed	Clock Pos.	Severity	Comment
	2.0		joint	No	/		
915 1960 (100 520 520	innes i dað inn ef færei Miðu Solies Solies						
	2.0	96.1	Crack -Major	No	12 /		MULTIPLE
118 520 75.4 75.4 75.4 75.4 75.4 75.4 75.4 75.4	innen 200 20 -Weeper 40 25 Boont 13 25 Gel 2501 26 Gel 26	Naber 93					
	2.5		START WITH FLOW	No	/		







Observations

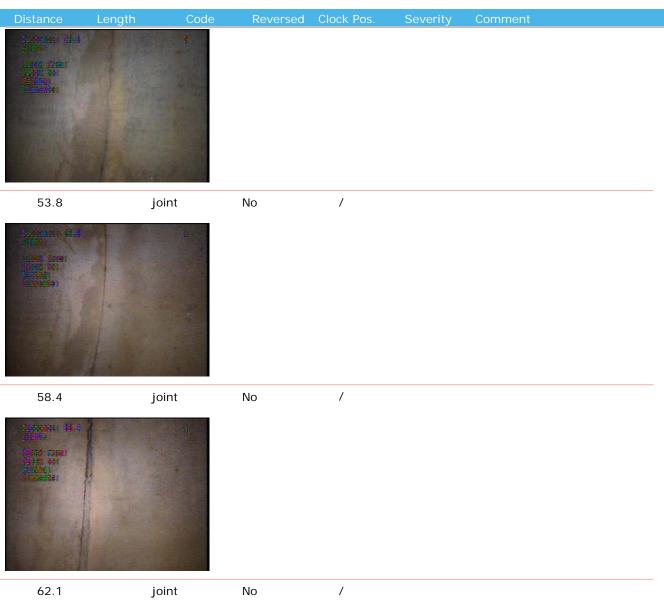


49.5 joint No

Observations with Still Images

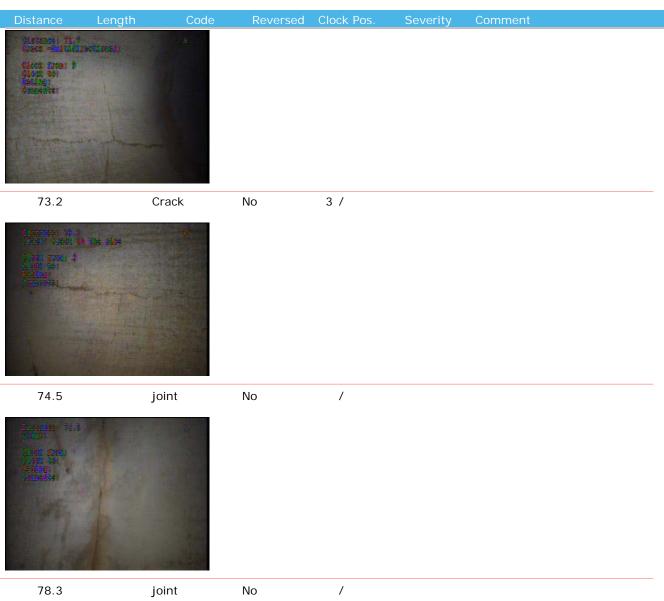
Friday, January 17, 2020 2:06 PM

/



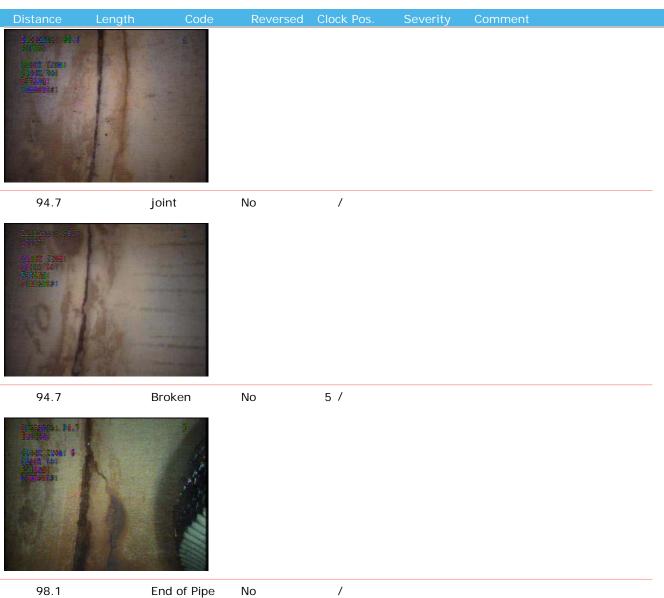
Observations







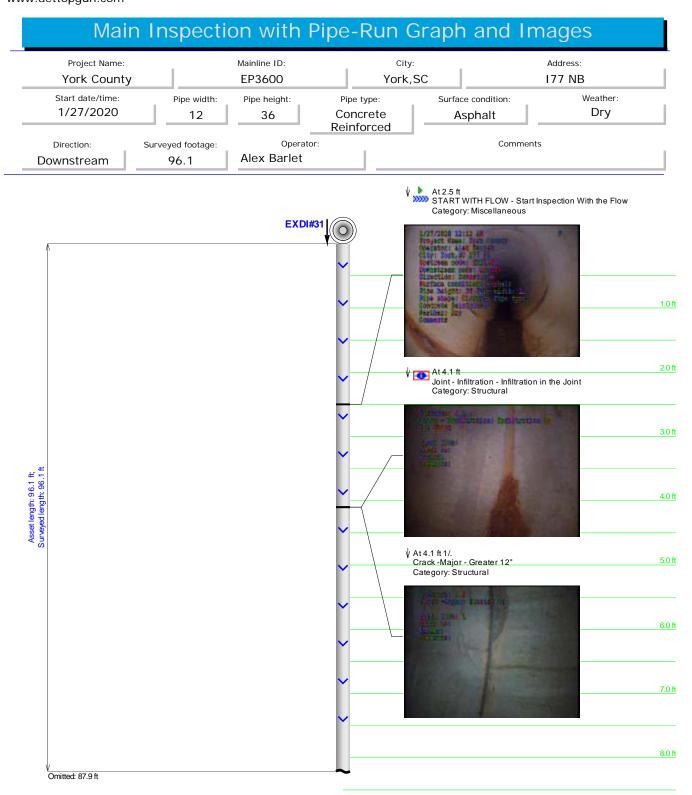
Observations



Friday, January 17, 2020 2:06 PM

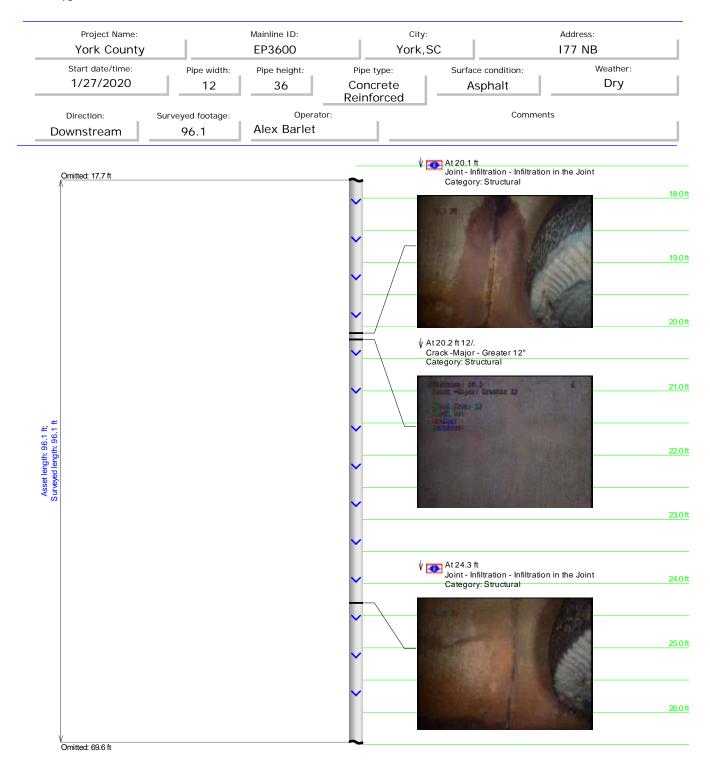


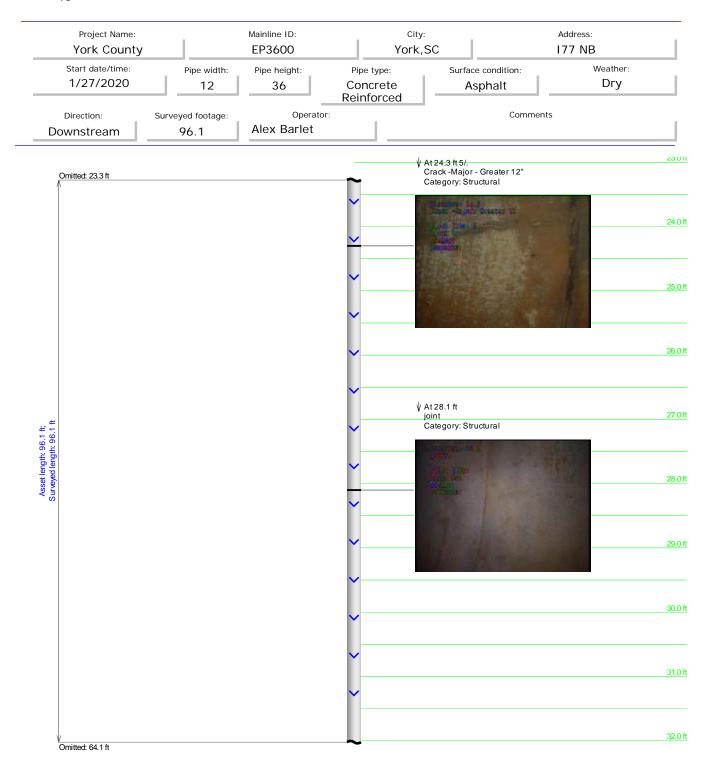
EP-3601

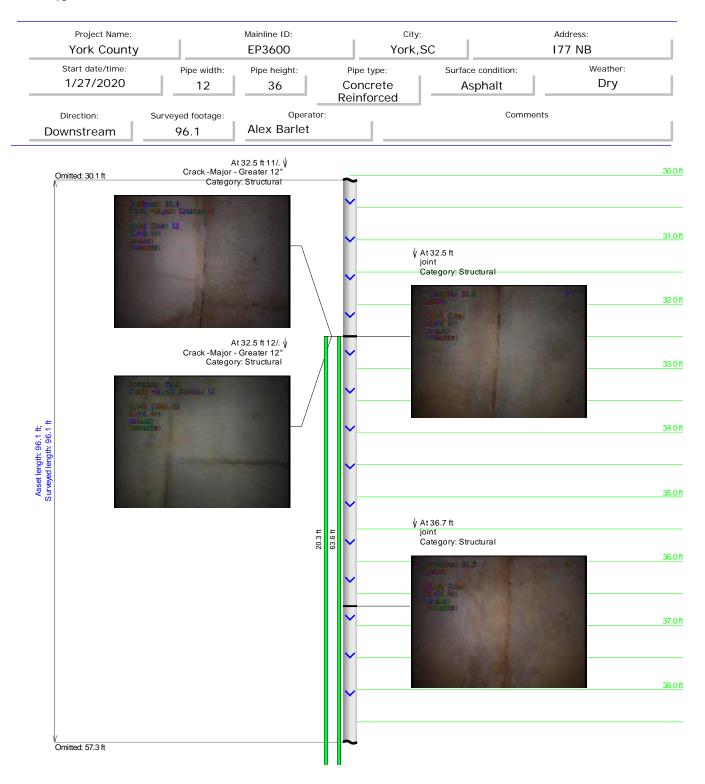


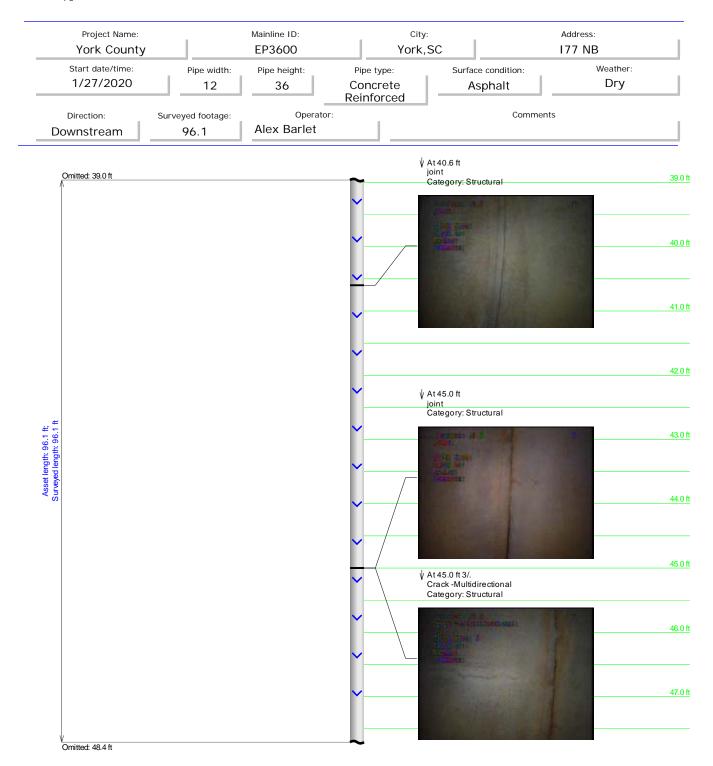


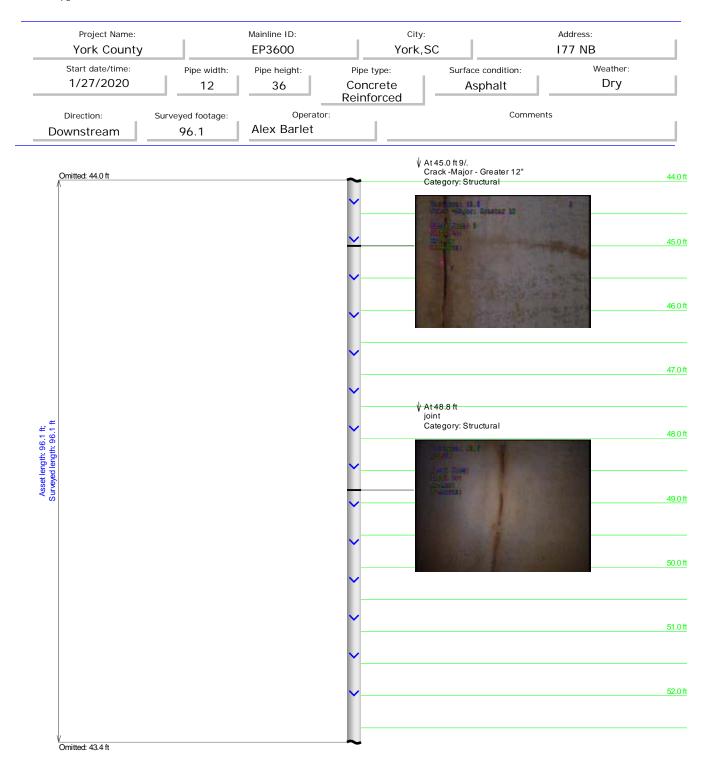


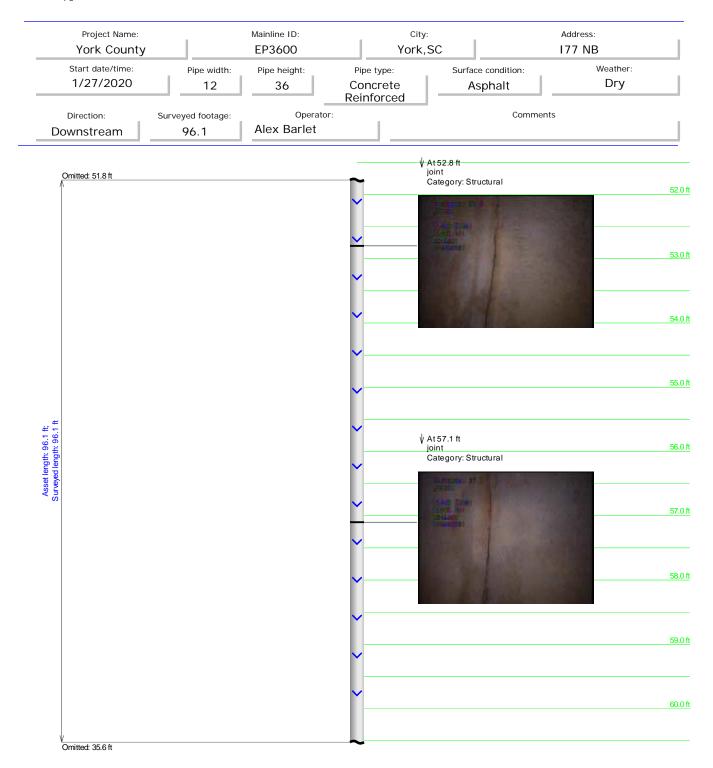






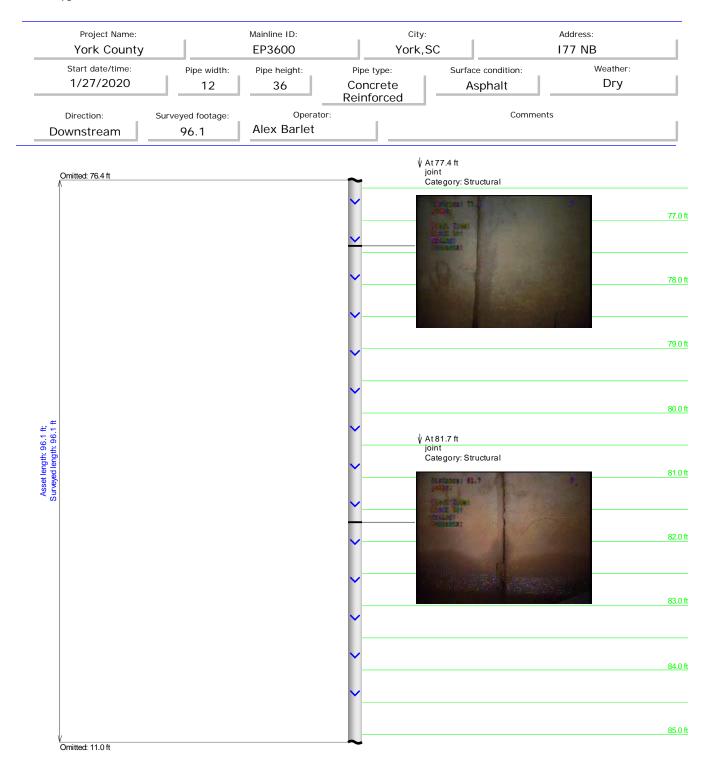


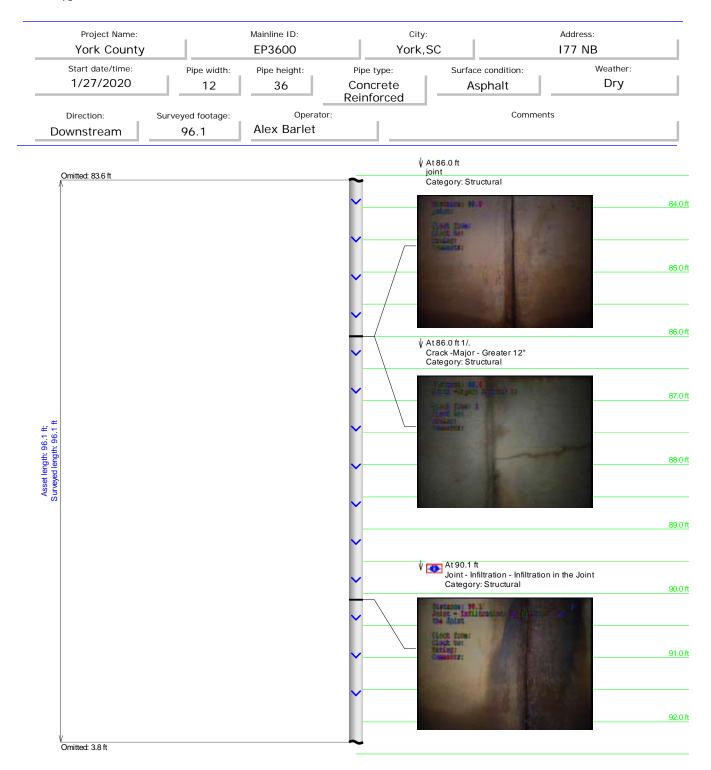


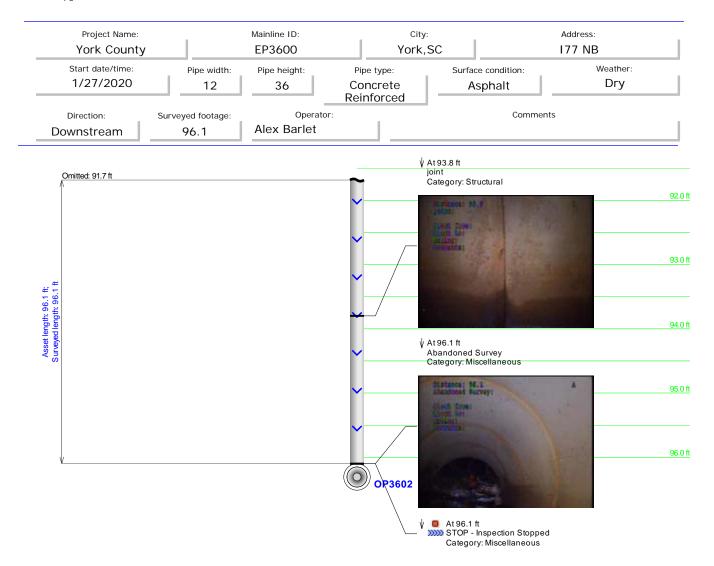




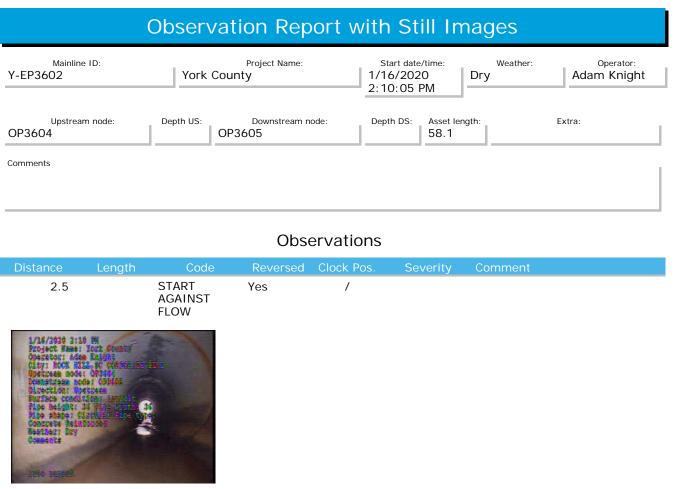


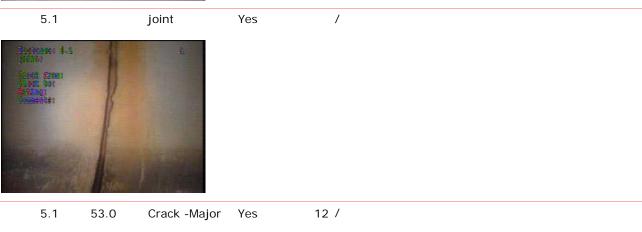






EP-3602





Observations

Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment				
Jistanner 4.1 funct -Keysus (k floct foren 13 floct foren 13 floct foren floct foren 13 floct foren 13 floct foren 13 floct foren 13										
13.1	join	ıt	Yes	/						
Estadore Este 1927: Otto Store Leon Mar Manage Transform		3								
13.1	chip)	Yes	11 /						
15-3 75	4									
17.4	join	it	Yes	/						

Observations



Friday, January 17, 2020 2:04 PM

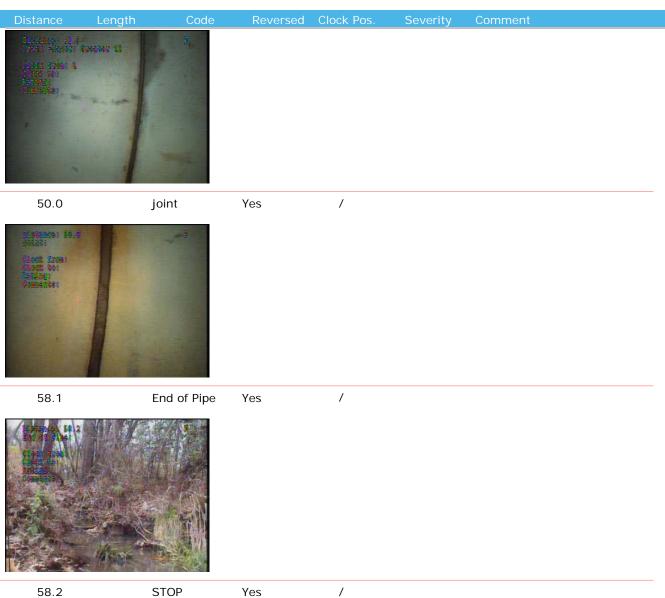
Observations



Observations with Still Images

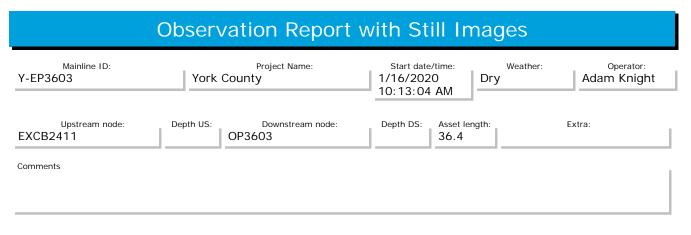
Friday, January 17, 2020 2:04 PM

Observations



Friday, January 17, 2020 2:04 PM

EP-3603



Observations											
Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment					
2.5		START WITH FLOW	No	/							
2.9		joint	No	/							
Correnses 2.5 giudai Massa 20045 Massa 20045 Massa 2004 Massa 2004											
9.8		joint	No	/							

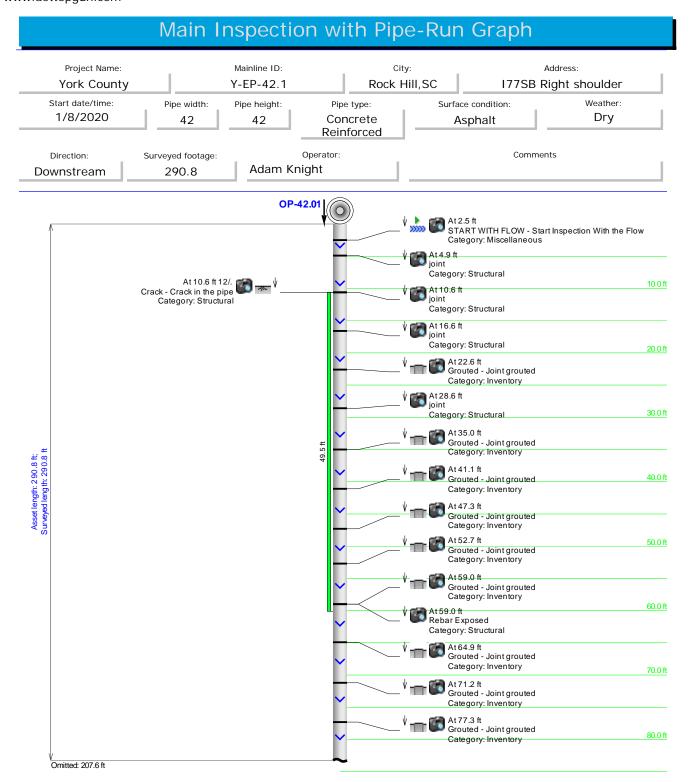
Observations

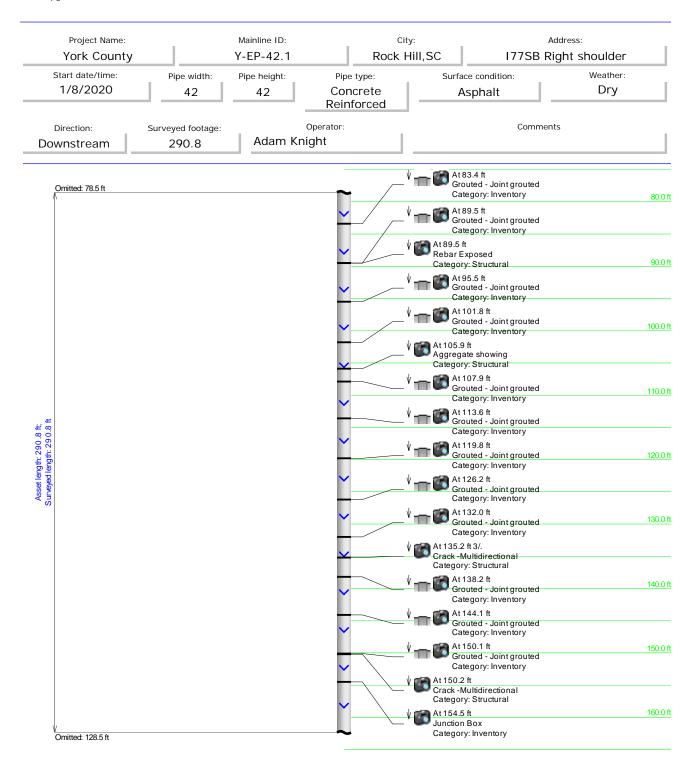
Observations with Still Images

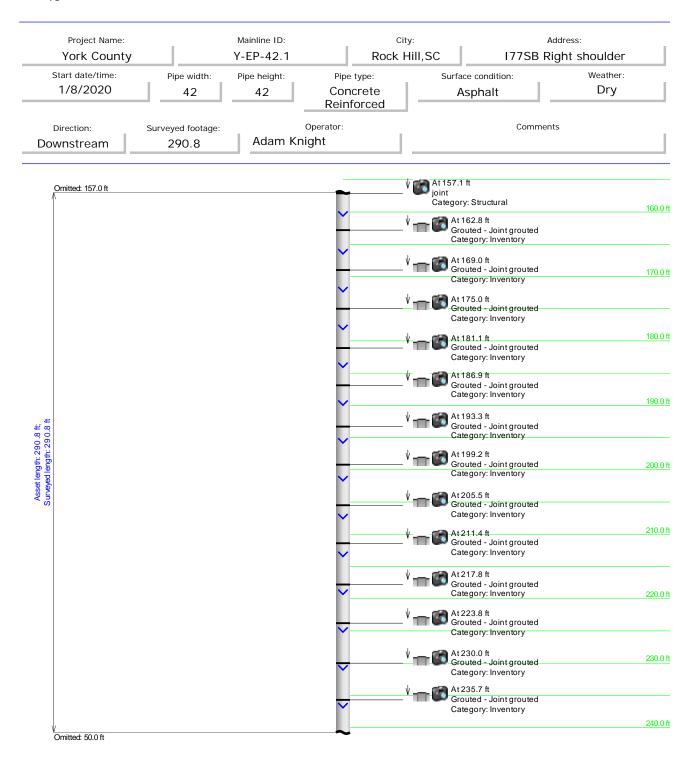




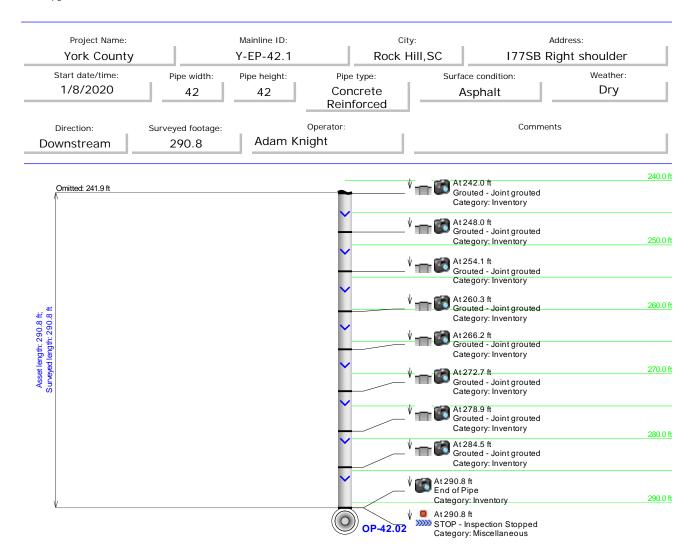
EP-42.1



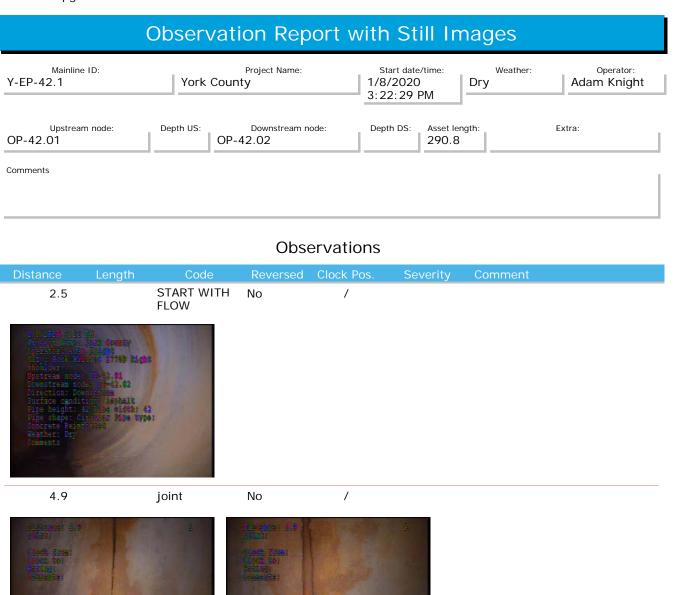




4



Page 4 of 4



10.6 joint No /

Observations with Still Images

Tuesday, January 14, 2020 9:40 AM

Observations







16.6 joint No /





/

22.6 Grouted No

Observations with Still Images

Tuesday, January 14, 2020 9:40 AM

Page 2 of 19

Observations



28.6

joint





/

35.0

Grouted No



41.1

Grouted



No

Observations with Still Images

Tuesday, January 14, 2020 9:40 AM

Page 3 of 19

Observations



47.3

Grouted

No

No





/

/

52.7 Grouted



59.0

Grouted

Observations with Still Images

Tuesday, January 14, 2020 9:40 AM

Page of 19 4

Observations



/

/



Rebar Exposed



64.9 Grouted No



71.2

Grouted

No

Observations with Still Images

Tuesday, January 14, 2020 9:40 AM

Page 5 of 19

Observations



77.3

Grouted





/

83.4

Grouted

No



89.5

Grouted



/

No

Observations with Still Images

Tuesday, January 14, 2020 9:40 AM

Observations





Rebar Exposed





95.5 Grouted / No



101.8

Grouted

No

Observations with Still Images

Tuesday, January 14, 2020 9:40 AM

/

Page 7 of 19

Observations



/

/



Aggregate showing



107.9 Grouted



113.6

Grouted

No

No

Observations with Still Images

Tuesday, January 14, 2020 9:40 AM

Observations



119.8

Grouted







/

126.2

Grouted

No



132.0



/

Grouted No

Observations with Still Images

Tuesday, January 14, 2020 9:40 AM

Page 9 of 19

Observations

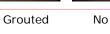


/

135.2 Crack No 3 / -Multidirectio nal









144.1

Grouted



No

Observations with Still Images

Tuesday, January 14, 2020 9:40 AM

/

Page 10 of 19

Observations



150.1

Grouted

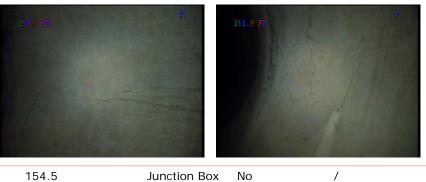
No





/

150.2 Crack No -Multidirectio nal



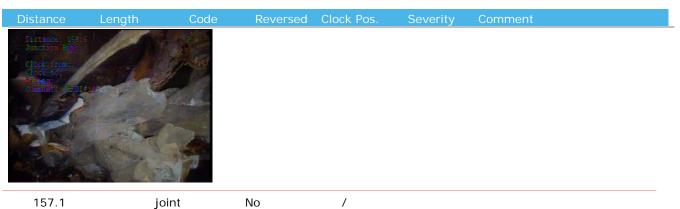
154.5

Junction Box No EXDI#14

Observations with Still Images

Tuesday, January 14, 2020 9:40 AM

Observations



157.1

joint





/

162.8

Grouted

No



169.0



/

Grouted No

Observations with Still Images

Observations



175.0

Grouted





/

/

181.1

Grouted

No

No



186.9

Grouted



Observations with Still Images

Observations



193.3

Grouted





/

199.2

Grouted

No



205.5



/

Grouted No

Tuesday, January 14, 2020 9:40 AM

Observations



211.4

Grouted





/

/

217.8

Grouted

No

No



223.8

Grouted

Observations with Still Images

Tuesday, January 14, 2020 9:40 AM

Page 15 of 19

Observations



230.0

Grouted





/

235.7

Grouted

No

No



242.0

Grouted

/

Observations with Still Images

Tuesday, January 14, 2020 9:40 AM

Page 16 of 19

Observations

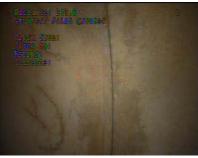


248.0

Grouted

No





/

254.1

Grouted

No

No



260.3

Grouted

/

Observations with Still Images

Tuesday, January 14, 2020 9:40 AM

Page 17 of 19

Observations

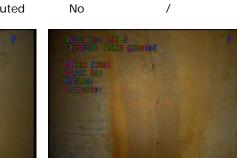


/

/

266.2

Grouted



272.7

Grouted

No

No



278.9

Grouted

Observations with Still Images

Tuesday, January 14, 2020 9:40 AM

Page 18 of 19

Observations



284.5

Grouted

No





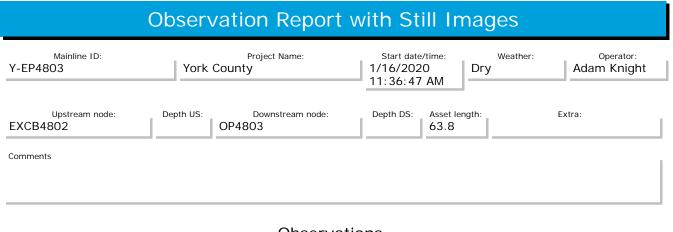
/

290.8 End of Pipe No

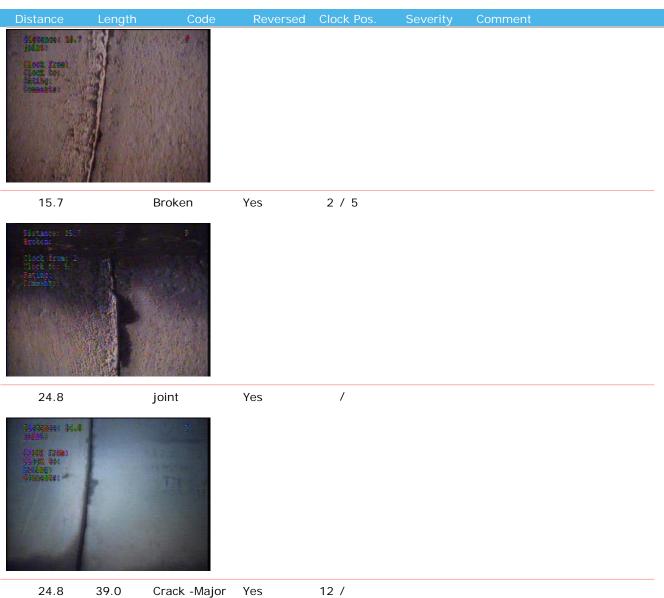


290.8 STOP / No

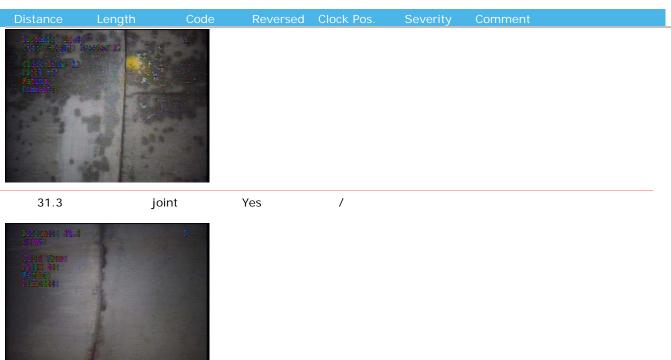
EP-4803



Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment
2.5		START AGAINST FLOW	Yes	/		
1/15/2020 11:8 Project Wemer Operation: Actor City: Book McC Upfizee Reder Domitizees Reder Domitizees Reder Resettion: Vier Ructace conditi Pipe Brayer (1) Conceste Tallo Restary 3:00 Restary 3:00 Restary 3:00	A CANANA A CANANANANA A CANANANA A CANANA A CANANA A CANANA A CANA					
7.9		joint	Yes	/		
Idetanten 1979 1920 Geste State Keiner Gester						
15.7		joint	Yes	/		



Observations



39.8 joint Yes /



47.6

joint

Yes

/

Observations with Still Images

Friday, January 17, 2020 1:57 PM

Page 3 of 5

Observations



63.8 End of Pipe Yes /

Observations with Still Images

Friday, January 17, 2020 1:57 PM

Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment
Listender 13.3 Ind of Riper Clock too Toting: Charanter						
63.8	S	ТОР	Yes	/		

EP-4804



Observations

			0030				
Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment	
SLETENDELS 748 Artisti Gaott fizons Oloett fizons Oloett fizons Oloett fizons Oloett fizons Oloett fizons	RINK 42CL QCAS 12-2	ER-10 3B 1-07 0-13					
7.0	121.3 C	rack -Major	Yes	6 /			
Distances 7.4 Control -Market 1 Class Sorr Control - Market 1 Class Sorr Control - Market 1 Class Sorr Control - Market 1 Class Sorr	Loss for R	:					
15.1	jo	pint	Yes	/			
Trotemese 28.3 John: Those downs Asses for Bohnus Francotar	141 NIG 1221. 122-2	T-07					

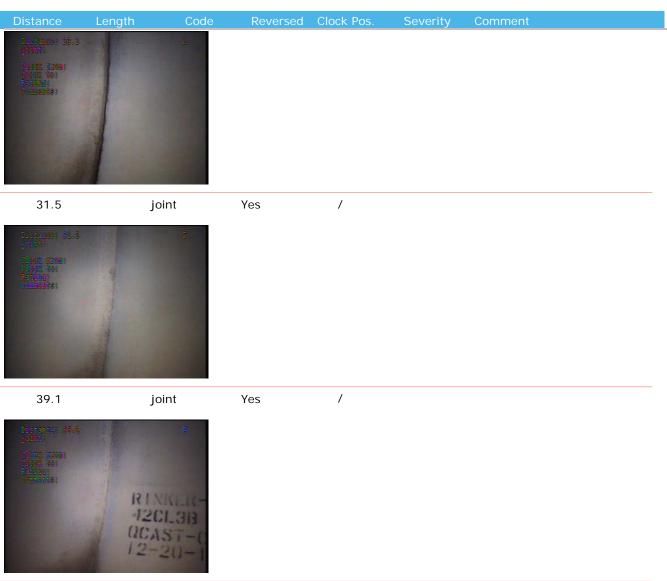
23.2

joint

/

Yes

Observations



47.3 joint Yes

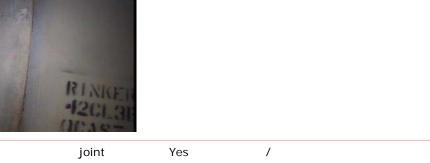
Observations with Still Images

Friday, January 17, 2020 1:32 PM

/

Observations



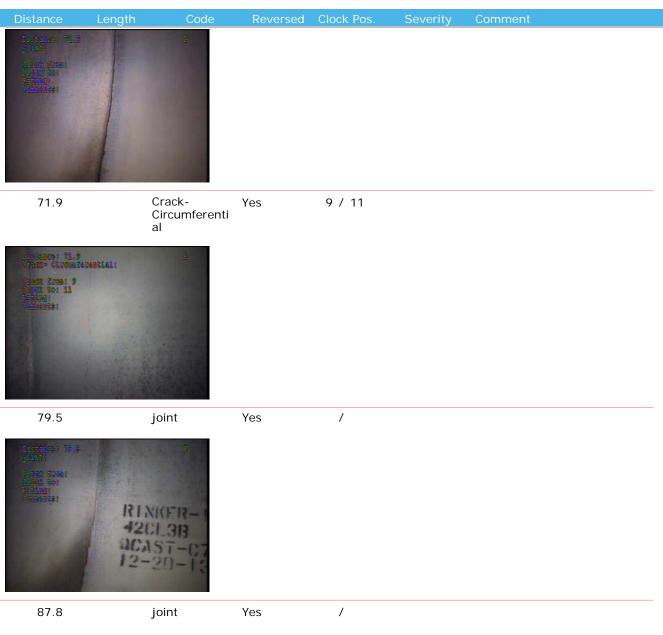


Observations with Still Images

71.9

Friday, January 17, 2020 1:32 PM

Observations



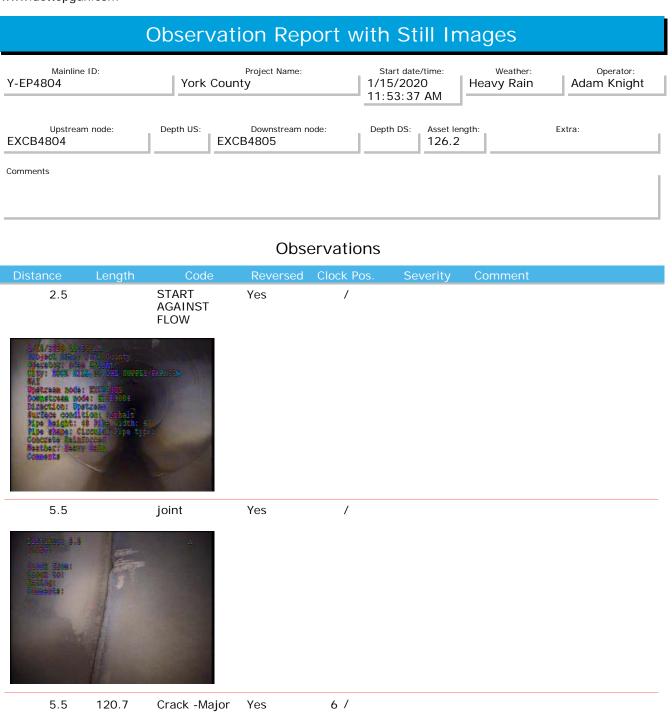
Friday, January 17, 2020 1:32 PM





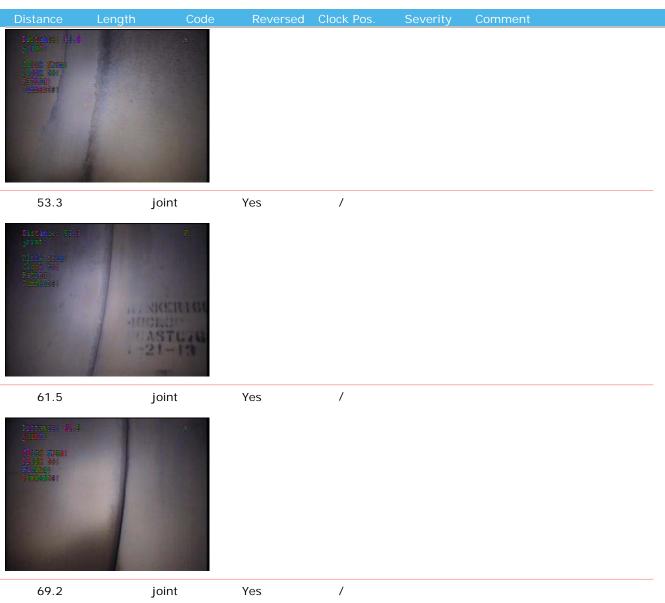


EP-4805









Observations

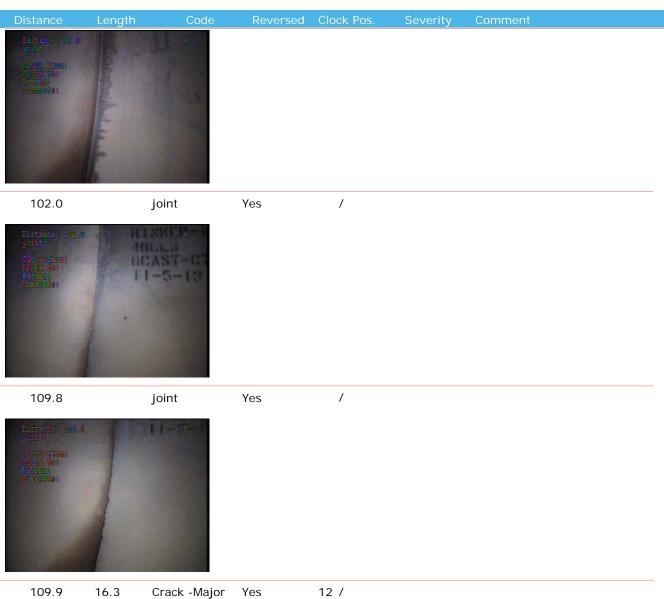


Observations with Still Images

Friday, January 17, 2020 1:30 PM

Page 5 of 8

Observations

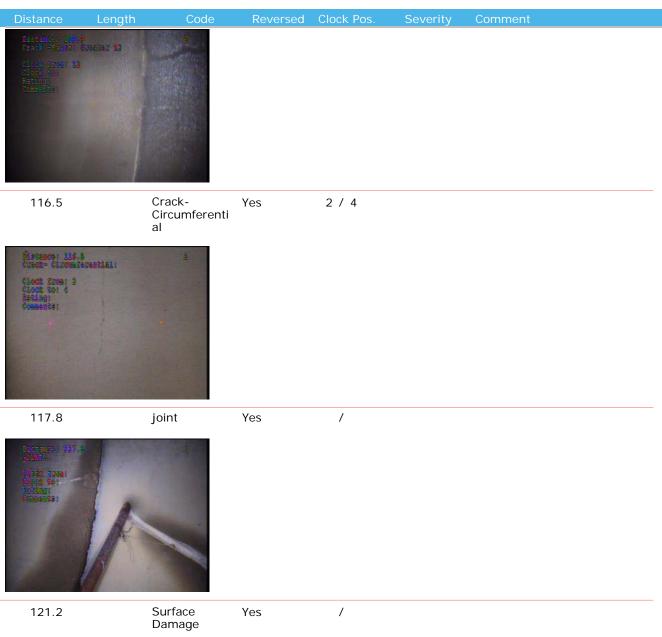


Observations with Still Images

Friday, January 17, 2020 1:30 PM

Page 6 of 8

Observations

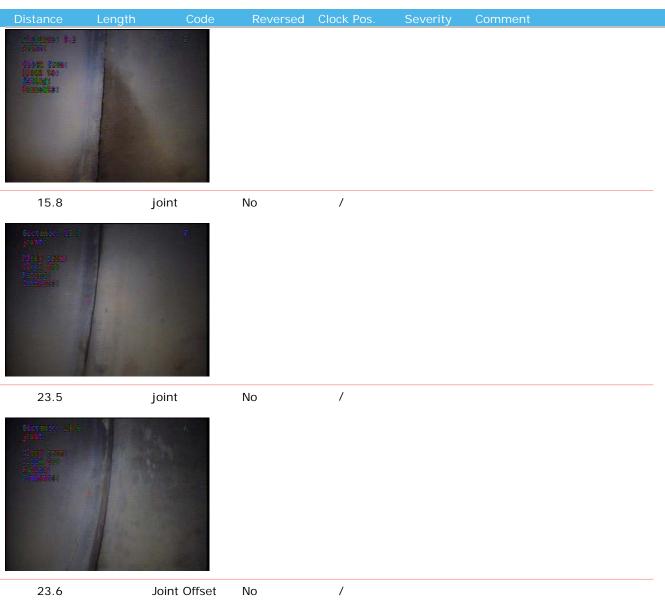


Friday, January 17, 2020 1:30 PM



EP-4806





Observations





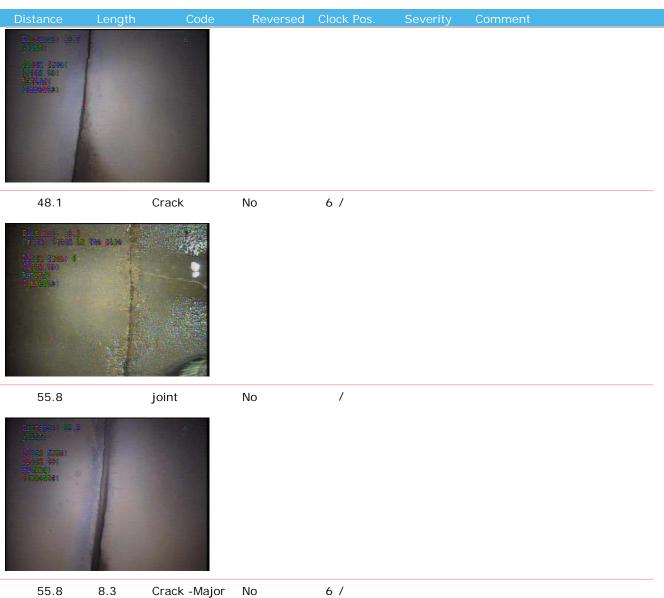
39.7 Joint Offset No /



48.0 joint No

/

Observations with Still Images



Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment				
Dorbings/ 35.4 Honor - Verser Ar- Ling Core of Ar- Article Core of Article Core of Ar- Article Core of Article Core of Article Core of Ar- Article Core of Article Cor		•••								
64.0		joint	No	/						
Distance: 64.2 joint: Tirk disse Aliak Hei Reizzu Misizu Misizu Misizu										
69.1	222.2	Crack	No	6 /						
72.4		joint	No	/						

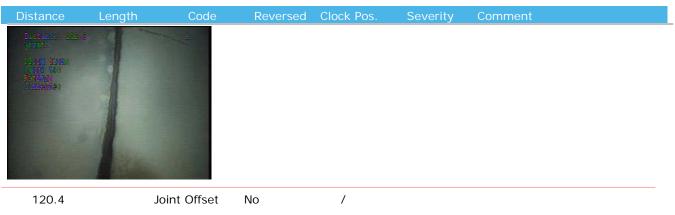


Observations



112.6 joint No /

Observations





128.6 joint No /

No



132.5

Surface Damage

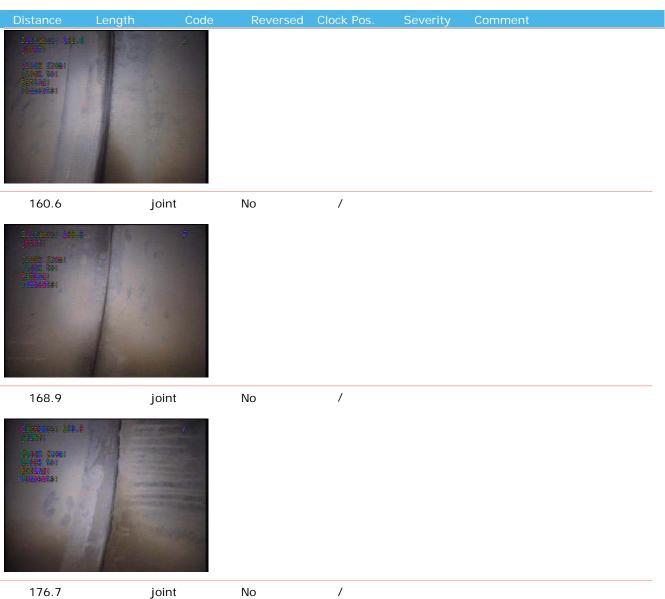
9/3

Observations with Still Images

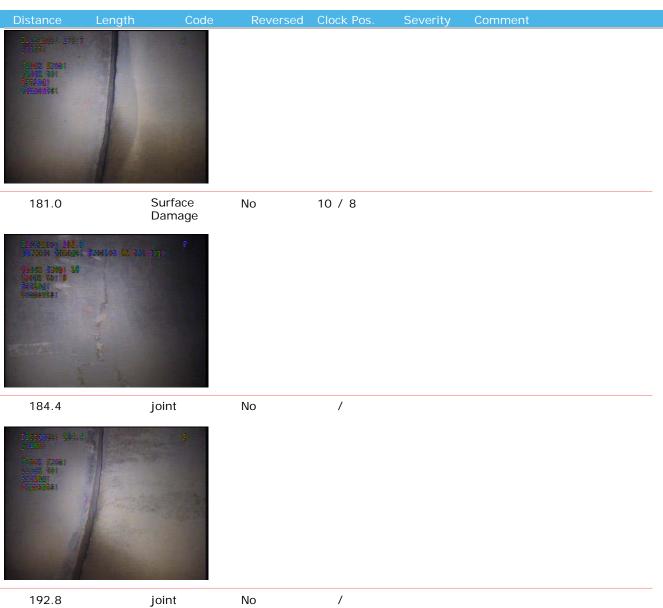
Friday, January 17, 2020 1:26 PM

Page 8 of 16

Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment					
Distance: 133.5 Prizibies Demeger Riseb: Sector Area, Area, Sector Area, Area, Are	Extension in the place										
136.5	joi	nt	No	/							
Gisterse: 266.6 gebate 1990 Soons 1997 Soons 250 Soons 250 Soons 250 Soons											
144.4	joi	nt	No	/							
Discrement 2004 gebot North Torona North Torona Gettagy transform											
152.8	joii	nt	No	/							

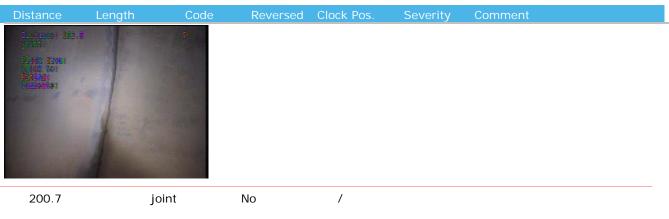


Observations



Friday, January 17, 2020 1:26 PM

Observations





208.8 joint No /



Observations with Still Images

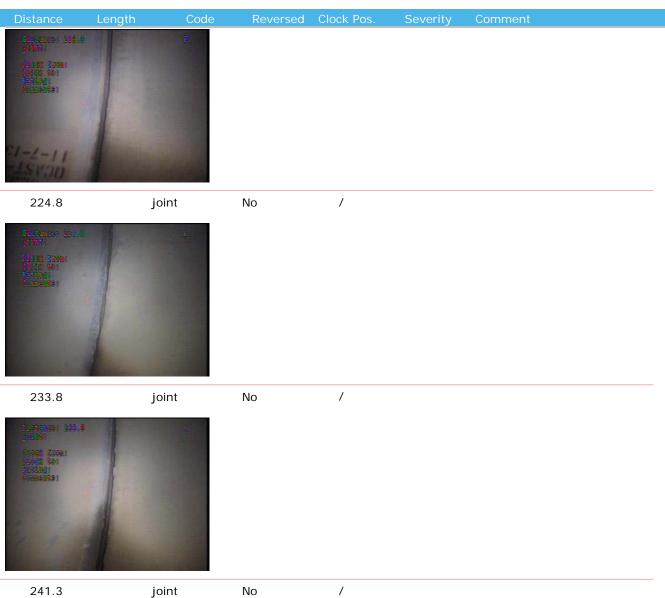
216.8

joint

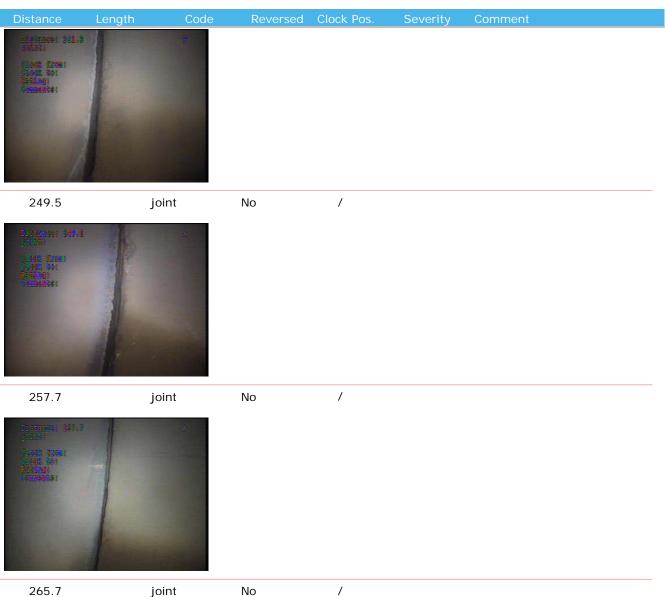
No

/

Friday, January 17, 2020 1:26 PM



Observations



265.7 joint No

Observations with Still Images

Friday, January 17, 2020 1:26 PM

Observations



291.3 End of Pipe No

Observations with Still Images

Friday, January 17, 2020 1:26 PM

/



EP-4807



2.8 321.7 Crack - Major No

12 /

Observations with Still Images

Friday, January 17, 2020 1:35 PM

Page 1 of 16

Observations



4.0 320.5 Crack - Major No 6 /



8.6 joint No /



8.6 Joint Offset No

Observations with Still Images

Friday, January 17, 2020 1:35 PM

/

Observations



24.9 Joint Offset No /



33.0 joint No

Observations with Still Images

Friday, January 17, 2020 1:35 PM

/

Observations





48.9 Joint Offset No /

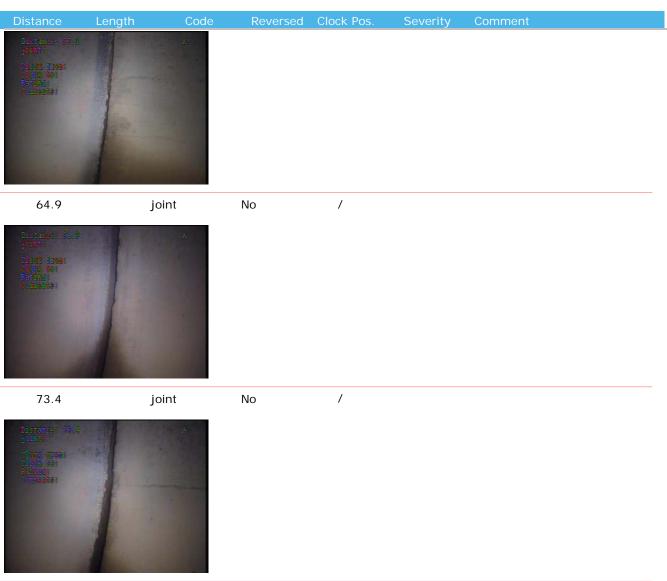


57.3 joint No

/

Observations with Still Images

Observations



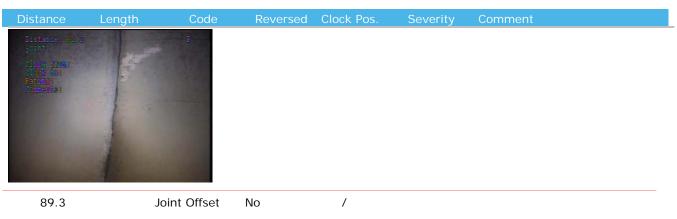
81.0 joint No

Observations with Still Images

Friday, January 17, 2020 1:35 PM

/

Observations



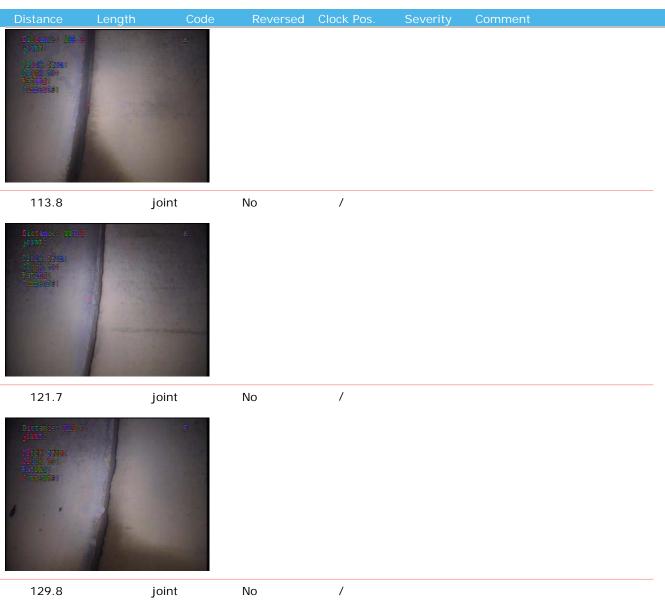


97.6 joint No /



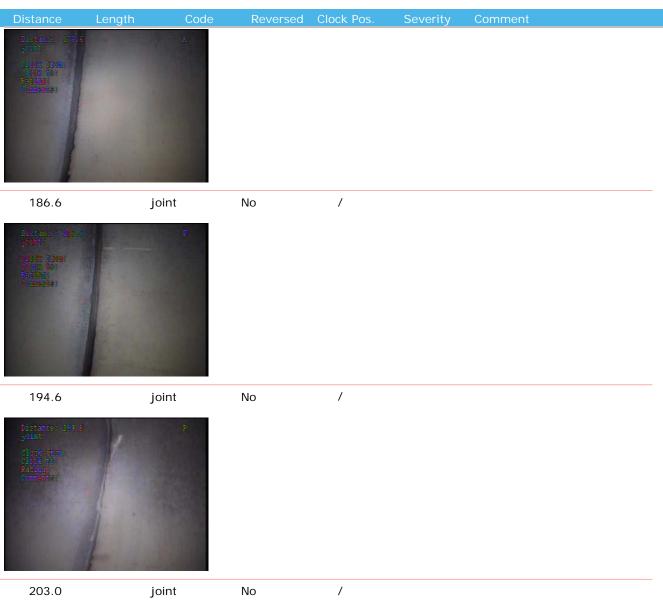
105.8 joint No

/

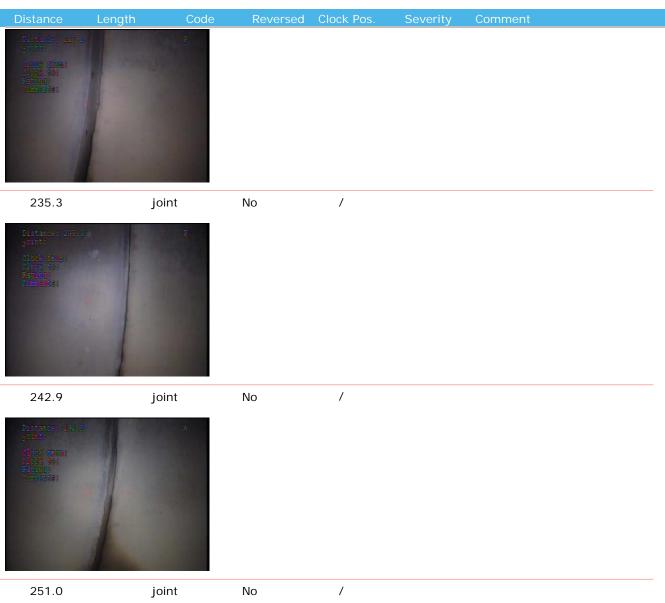


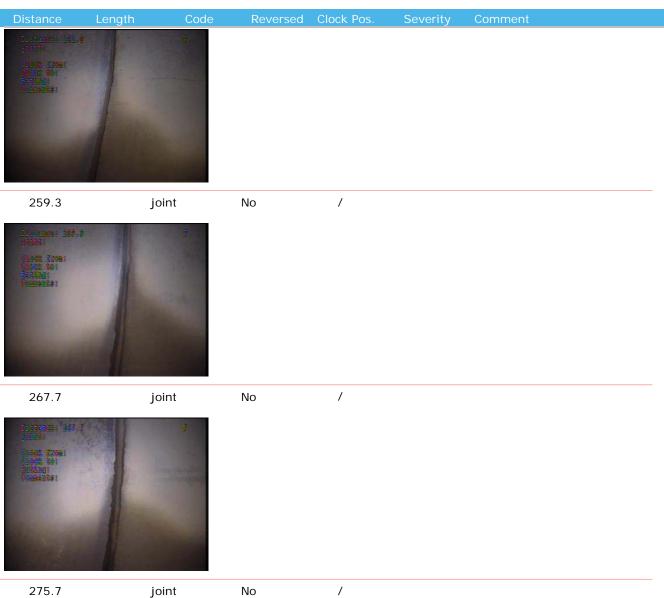






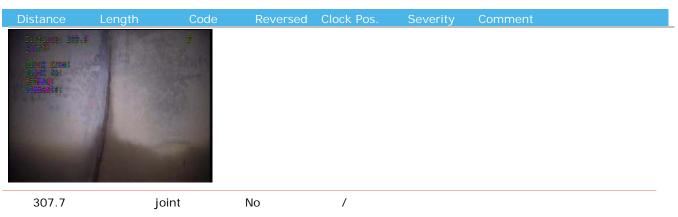








Observations





316.0 joint No /



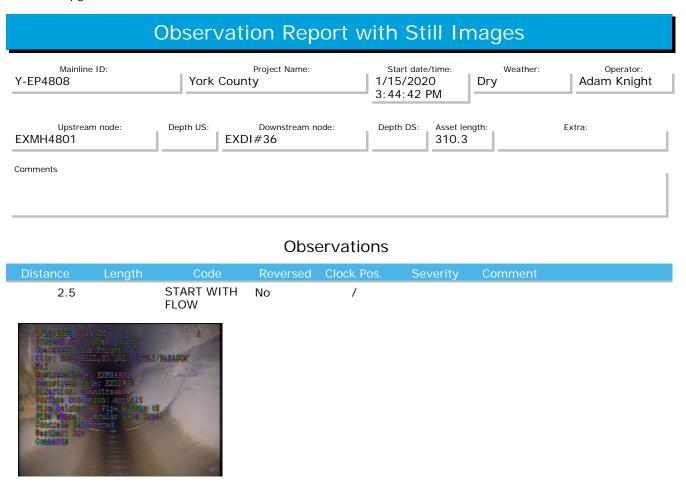
324.5 End of Pipe No

Observations with Still Images

Friday, January 17, 2020 1:35 PM

Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment
Oletanos : 114. End of Fips: Clock Eres Clock Rei Ration: Comentas		Å				
324.5	S	ТОР	No	/		

EP-4808



2.5 307.8 Crack - Major No 6 /

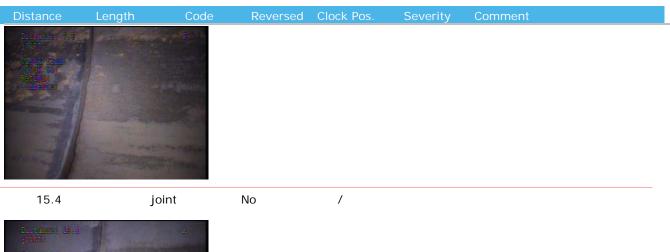


/

No

Observations with Still Images

Observations





23.6 joint No /

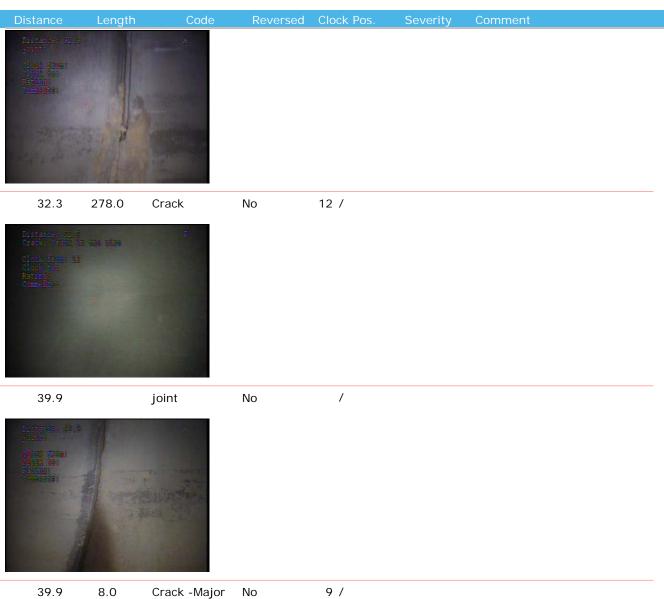


32.3 joint No

/

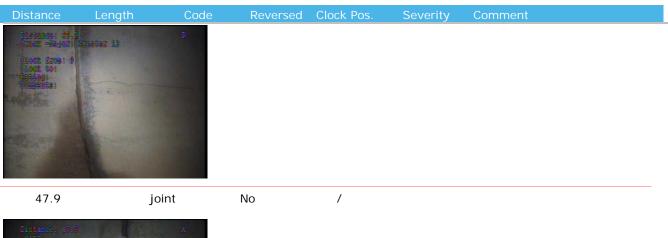
Observations with Still Images

Observations



Observations with Still Images

Observations





55.6 joint No /



64.1 joint No

/

Observations with Still Images

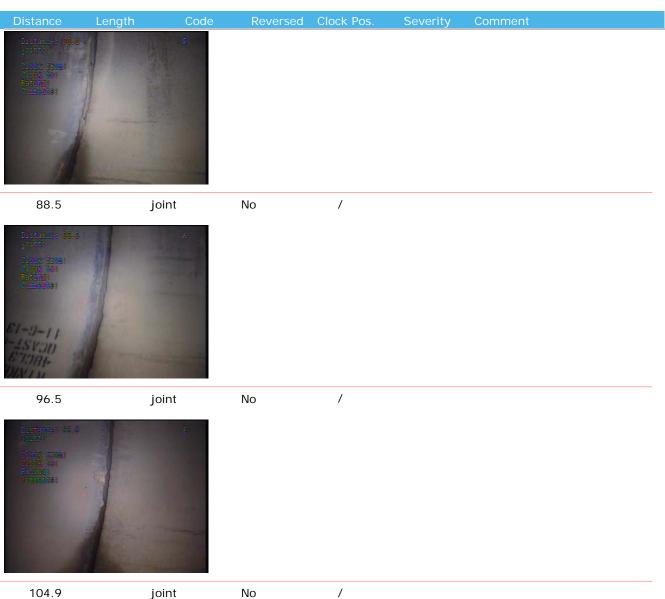
Friday, January 17, 2020 1:37 PM

Page 4 of 15

Observations



Observations



104.9 joint No

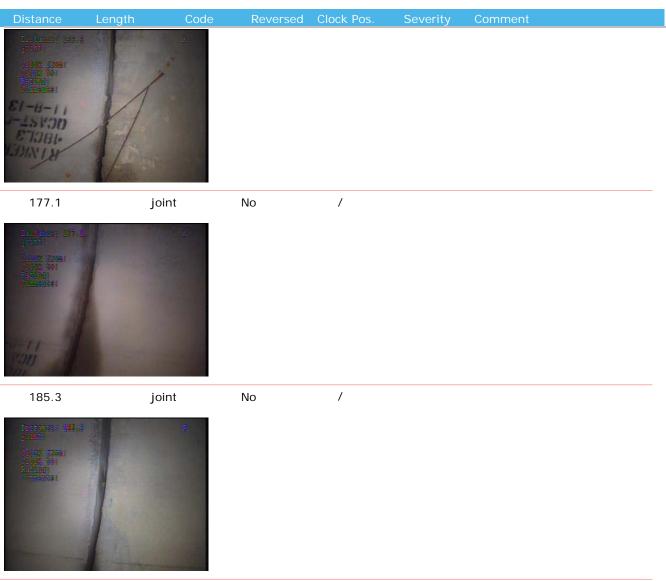
Observations with Still Images







Observations

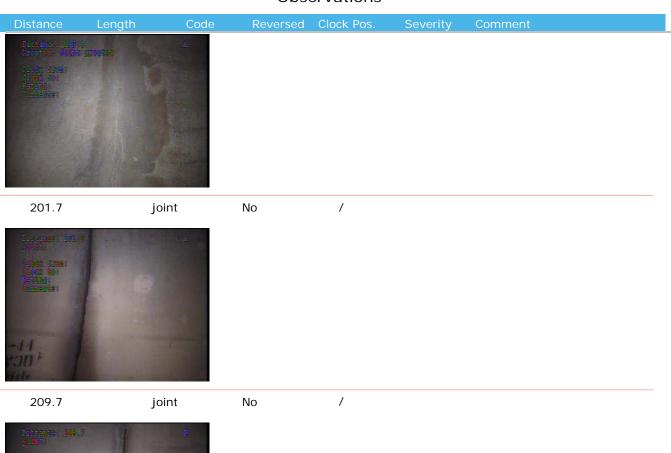


193.4 Grouted No

Observations with Still Images

Friday, January 17, 2020 1:37 PM

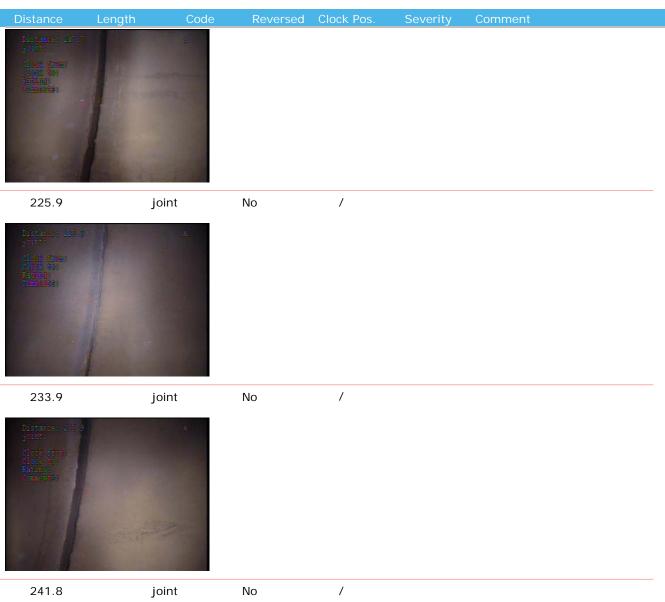
Observations

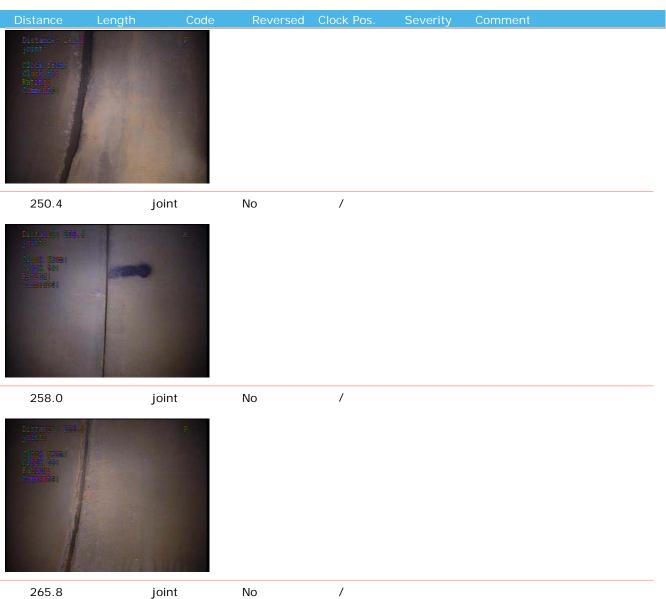




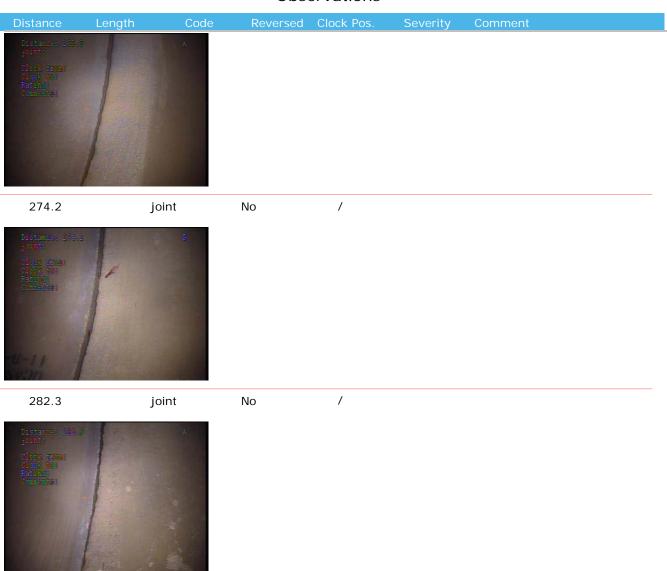
217.6 joint No

Observations with Still Images





Observations



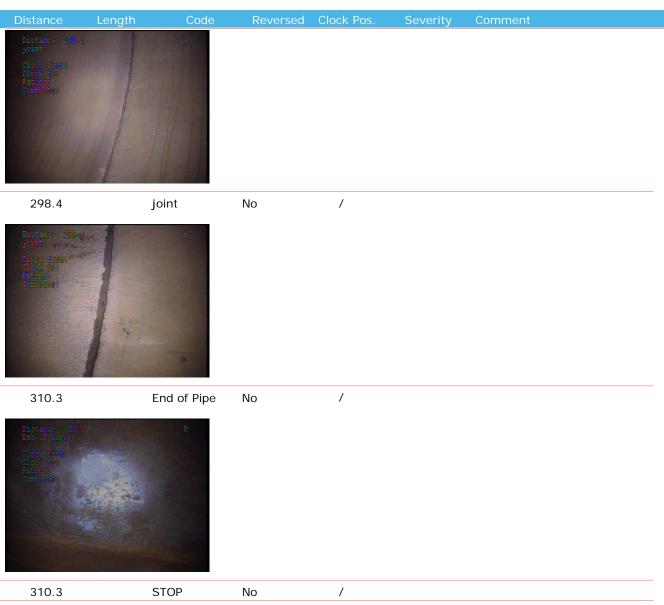
290.2

joint

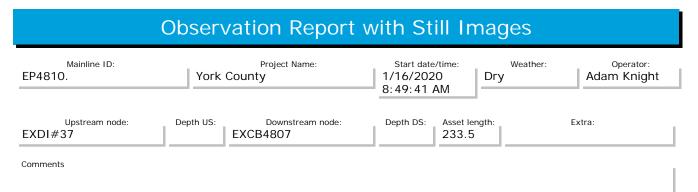
No

Observations with Still Images

Observations

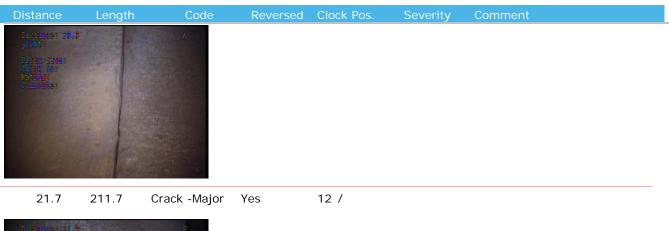


EP-4809



			Obse	ervations		
Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment
4.6	j	oint	Yes	/		
Citizings A.8 general Citiz Cons Sector Sector Fillecter						
12.1	j	oint	Yes	/		
Distances dava grant: Ticar Samat Glass Sea Pating Structures						
20.3	j	oint	Yes	/		

Observations





28.1 joint Yes /



30.8

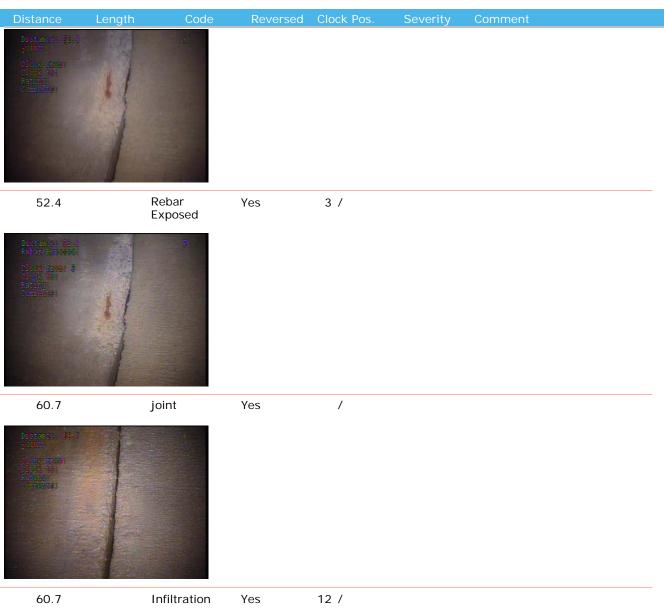
Yes

Hole

LIFT POINT NOT GROUTED(EVERY JOINT)



Observations



Observations

Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment		
Lichander (d. 1 Indeutrondum Eige (Ling form 12 Diels 30 Parioty Comedias								
63.4	In	filtration	Yes	/		LIFT POINT INFILTRATING		
Distante: 48.4 Inteleteration Pipe Close Koons Distante Pations Vernante: 5199								
68.3	јо	int	Yes	/				
Distantist 18.2 30277 Class Boost Class Boost Class Corr Ref.nrs Correctes	-//							

71.4 Infiltration Yes 12 /

Observations with Still Images

Friday, January 17, 2020 1:46 PM

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Observations

			0050				
Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment	
Distance: 72-8 Infiltrenten Pipe Clock Steps 42 Clock Steps 42 Partne: Commattes		9					
76.6	joi	nt	Yes	/			
Contantis 74.4 States Marte Astan Marte Astan States Ast States Test							
80.2	In	filtration	Yes	/			
Distantis (1994) Internet Para Para Para Para Para Para Para Par							

84.3 joint Yes

Observations with Still Images

Friday, January 17, 2020 1:46 PM

Observations



/

92.3 Joint - Gasket Yes



100.6 joint Yes /



108.5

joint

Yes

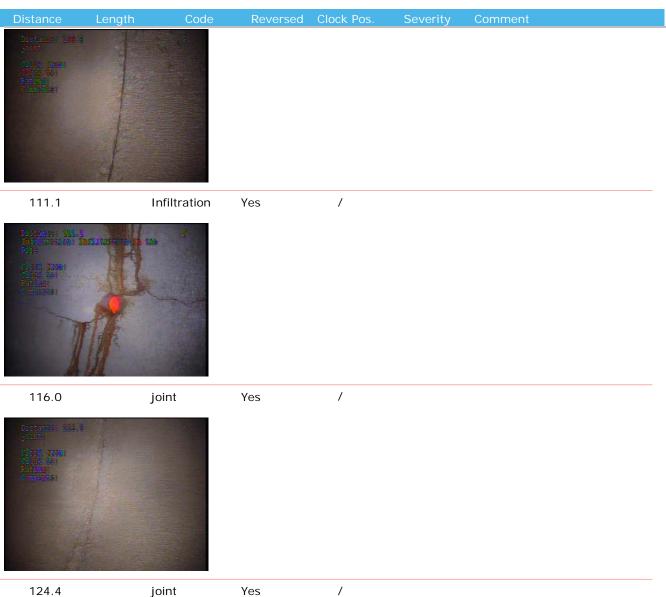
/

Observations with Still Images

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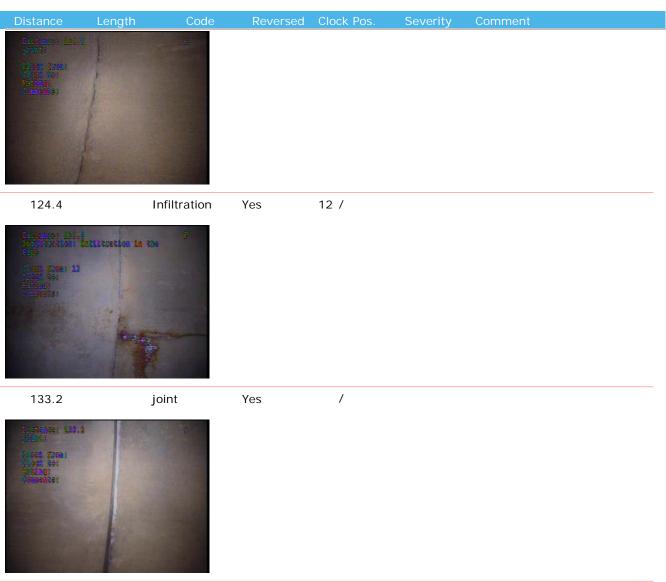
Observations



124.4

joint

Observations



141.1 joint Yes

Observations with Still Images

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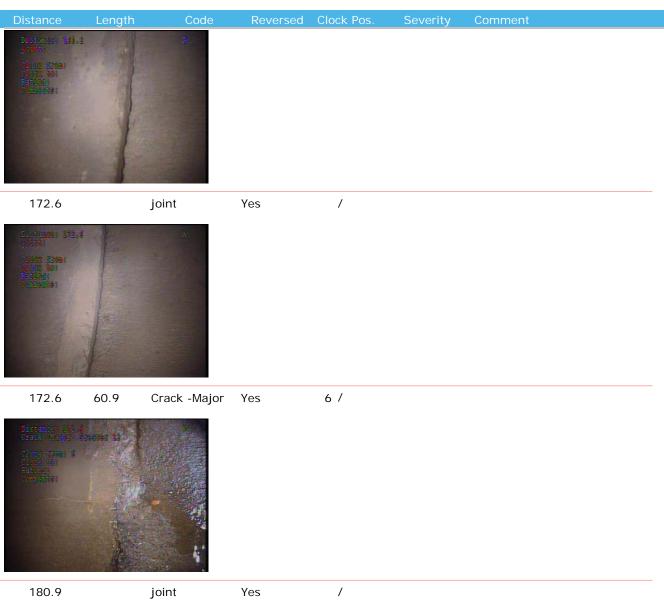
Observations

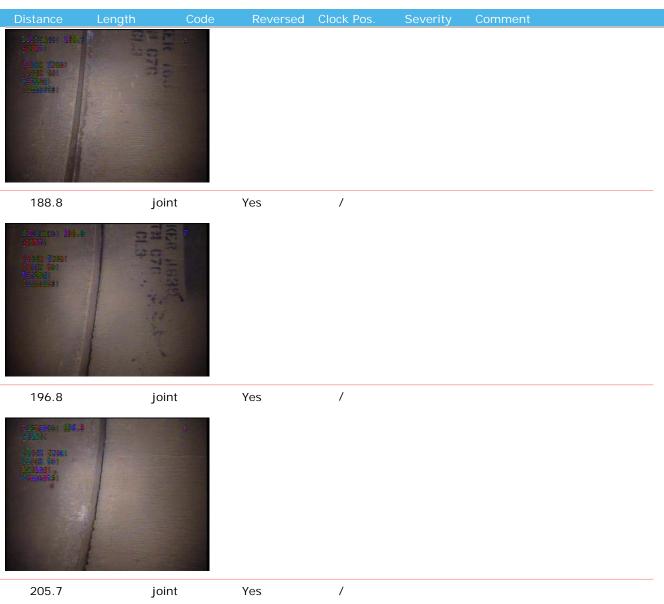


165.2 joint Yes

Observations with Still Images

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Observations





221.3 joint Yes /



229.7

joint

Yes

/

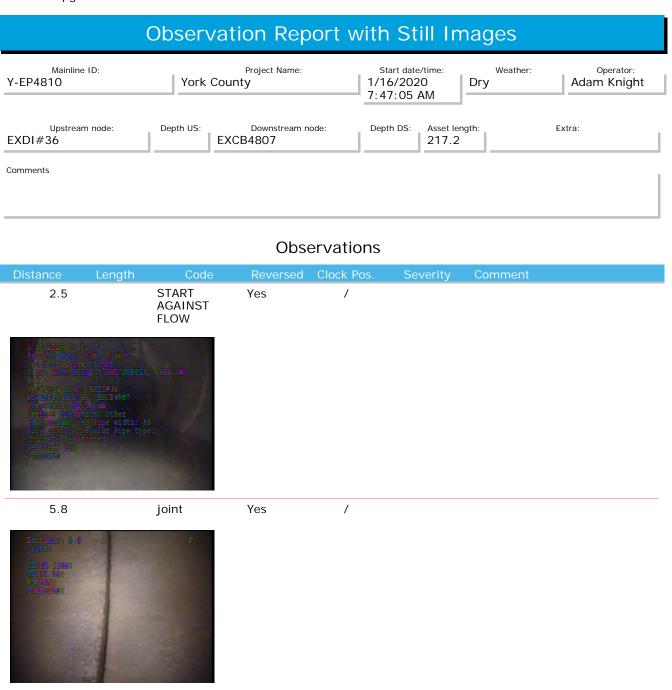
Observations with Still Images

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EP-4810



13.0 joint

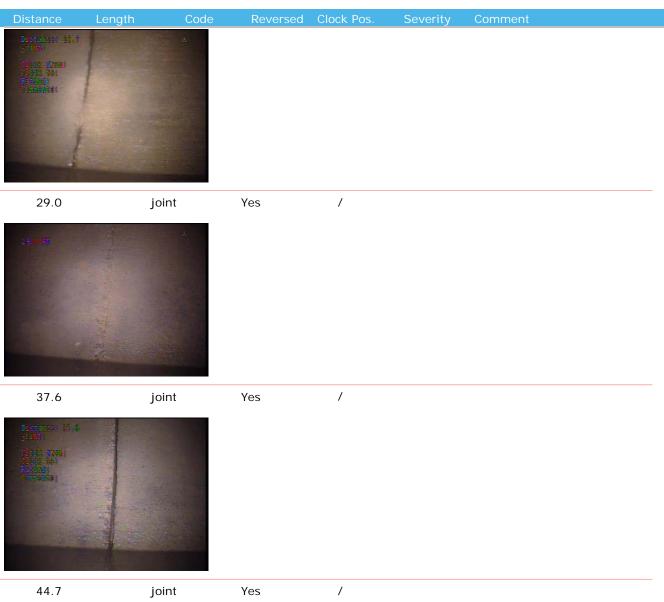
Yes

Observations with Still Images

Observations



Observations



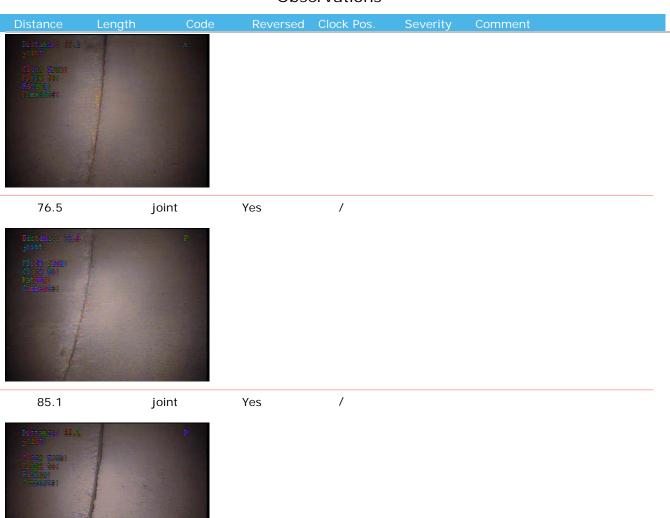
Observations



69.2 joint Yes

Observations with Still Images

Observations



Yes

joint

Observations with Still Images

93.3

Friday, January 17, 2020 1:39 PM

/

Observations



109.8 joint Yes /

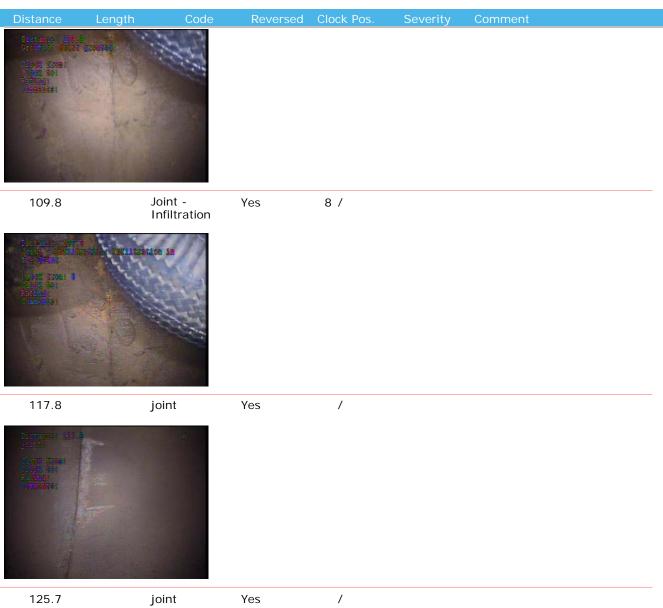


109.8 Grouted Yes

Observations with Still Images

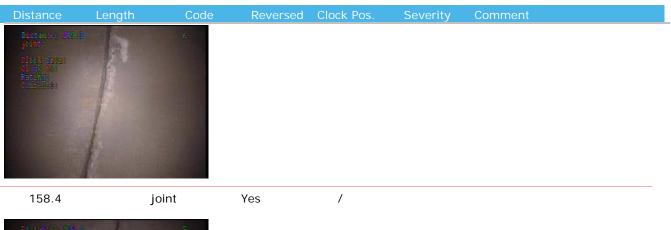
/

Observations





Observations





158.4 58.8 Crack - Major Yes 6 /



165.9

joint

Yes

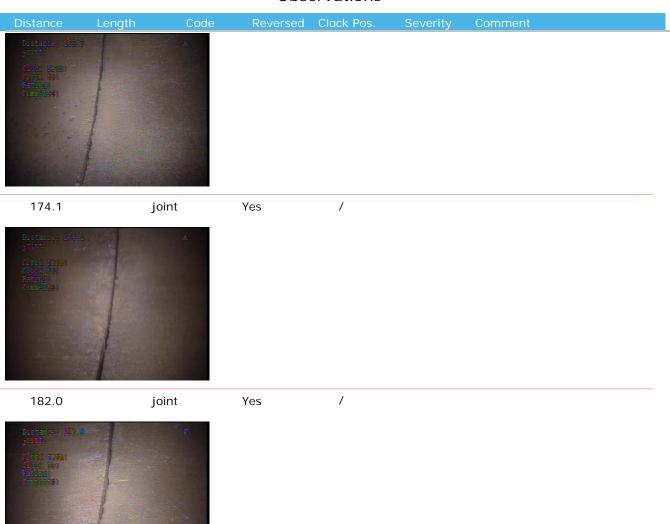
/

Observations with Still Images

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Observations



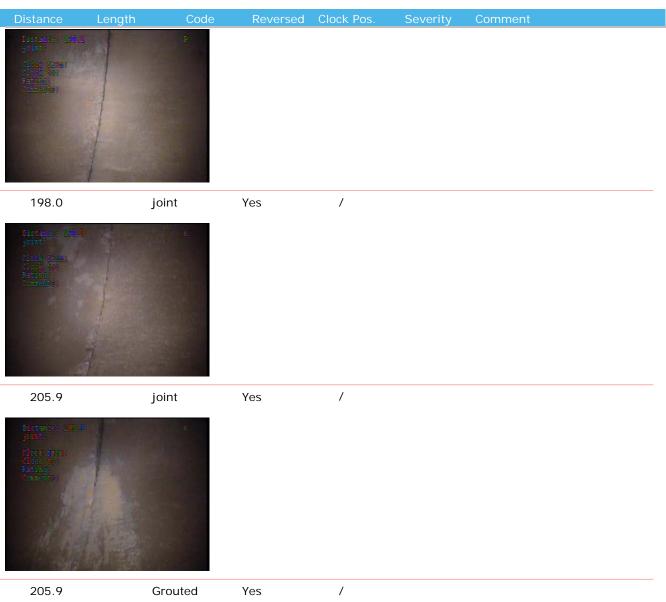
190.1

joint

Yes

/

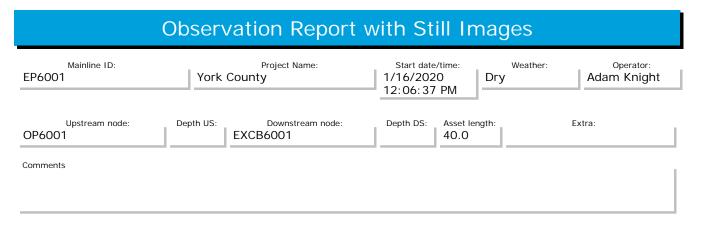
Observations with Still Images



Observations



EP-6001



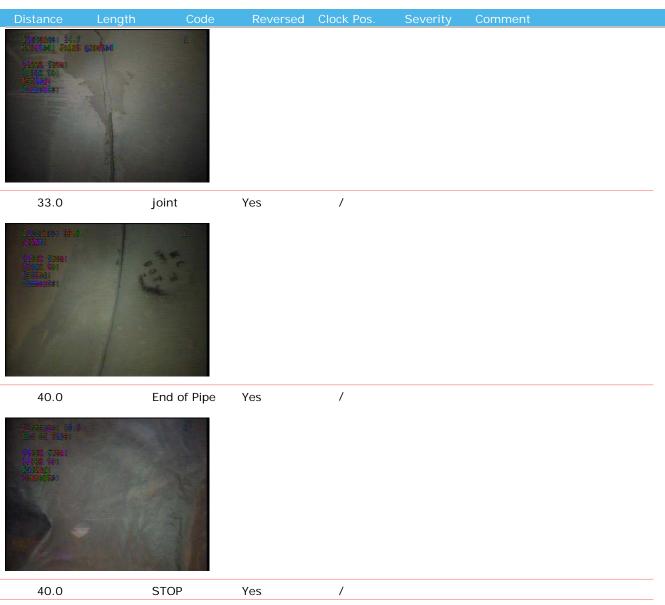
Observations								
Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment		
2.5		START AGAINST FLOW	Yes	/				
1/15/2020 12:0 Project Name. Operator: Adam Oby: RUCK heb Dystream node Dystream node Offections Ups Outfore condition Dystream offections Dystream State Description State Description	S Pri S C S Pri S S C S S S S S S S S S S S S S S S S S							
2.6	0.7	Crack -Major	Yes	3 /				
3.3		joint	Yes	/				

Observations with Still Images

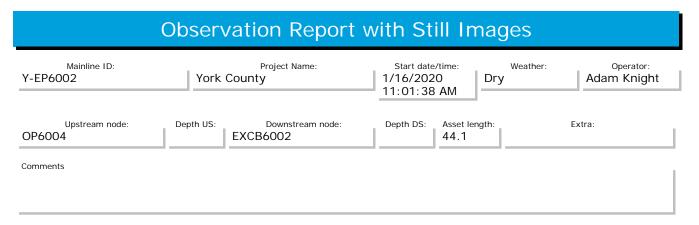
Observations



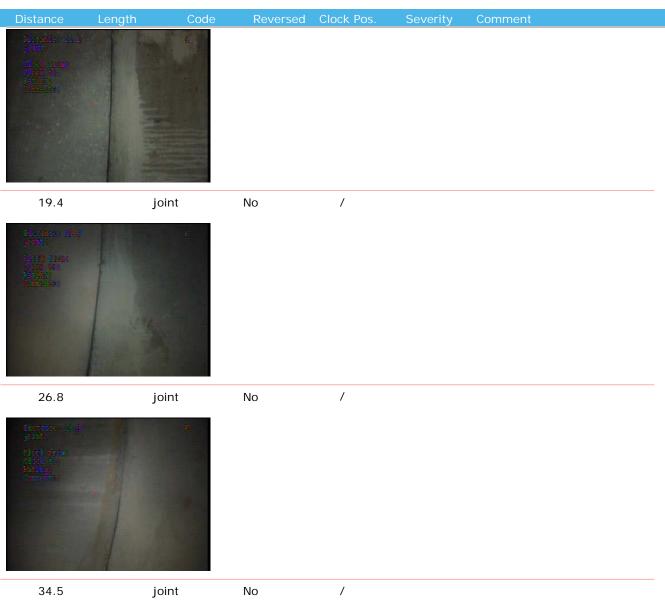
Observations



EP-6002



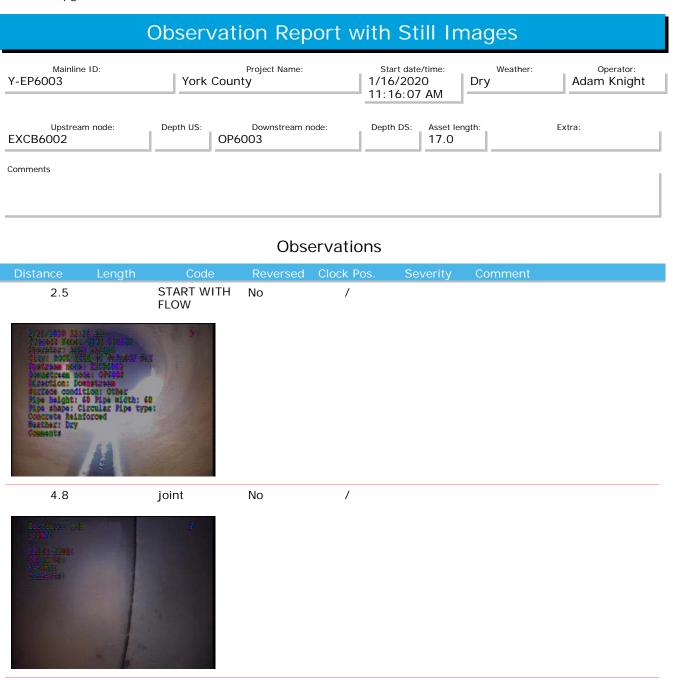
			Obs	ervations			
Distance	Length	Code	Reversed	Clock Pos.	Severity	Comment	
2.5		START WITH FLOW	No	/			
A 16, 2020 200 Respect: Name: Sectors: Value The Execution Respective Respect	00 Al Tork Jounty n Baint L, 20 PARADON TAI OPEDIA CONTRELIE CONTR	2					
3.4		joint	No	/			
Dietzmen ; 3.4 joints Giott Sober Gietz Sober Gietz fen Jähling Gementers							
11.2		joint	No	1			



Observations



EP-6003



4.8

Surface

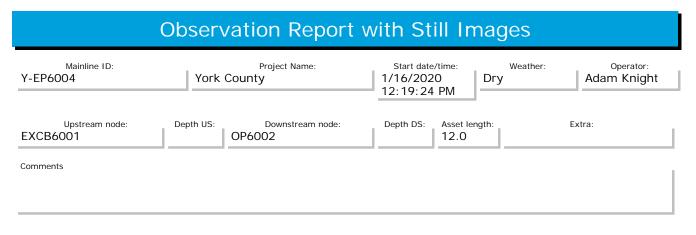
Damage

No

12 /



EP-6004



Observations						
Distance Length	Code	Reversed	Clock Pos.	Severity	Comment	
2.5	START WITH	No	/			
4.8	joint	No	/			
11.5	Crack- Minor	No	/		GROUT CRACKING	

Observations

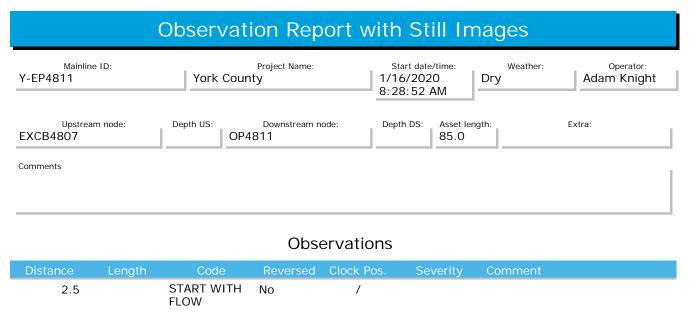
Observations with Still Images

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EP-4811





12 / 2.5 82.5 Crack -Major No



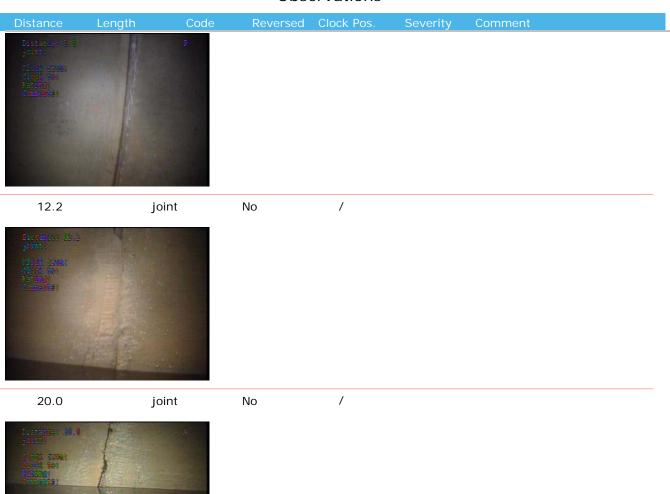
Observations with Still Images

5.0

joint

No

/



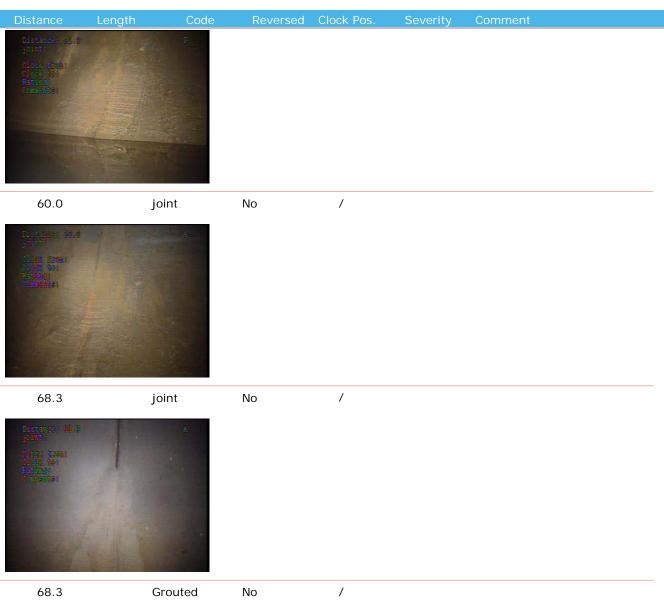
Observations

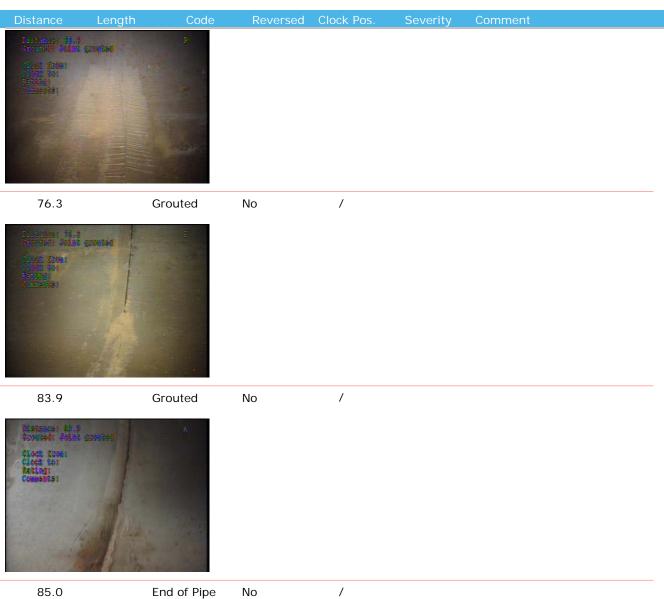


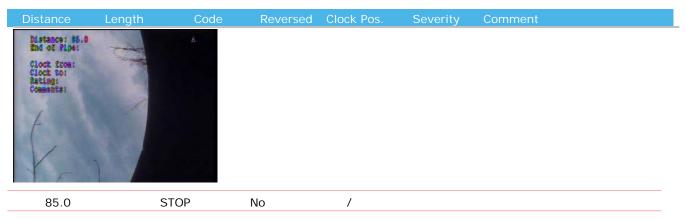
Observations with Still Images

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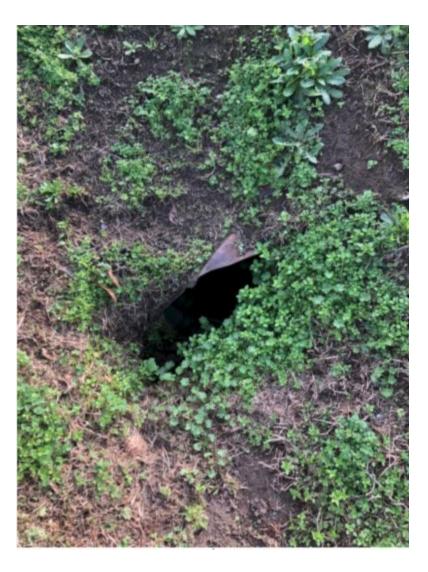
EP-8401

EP-1200.1



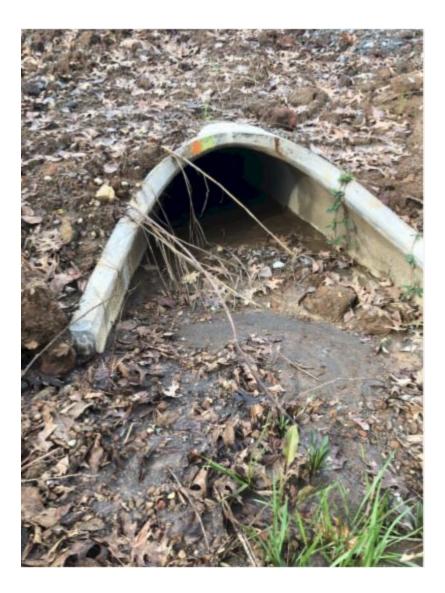
EP-1200.2







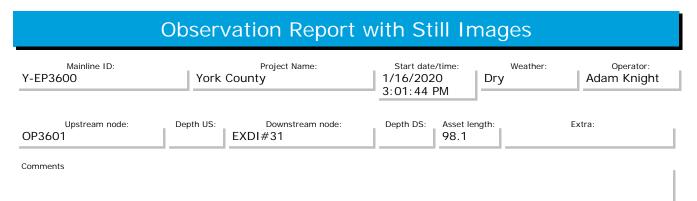




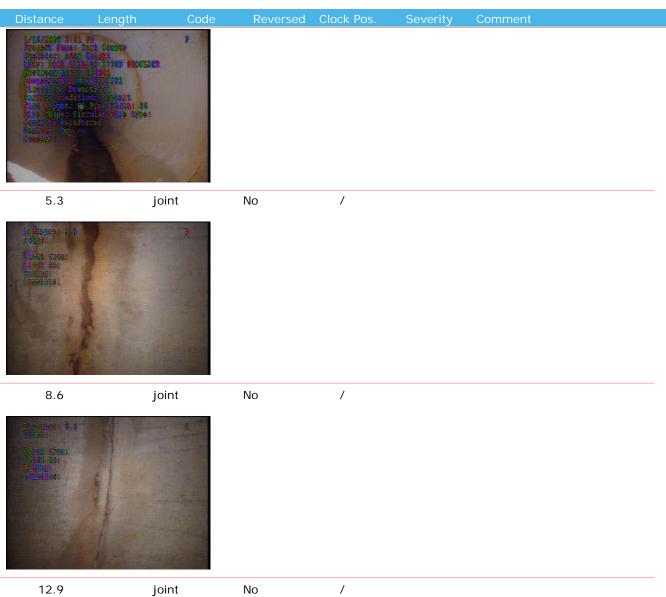
ECMP-1800

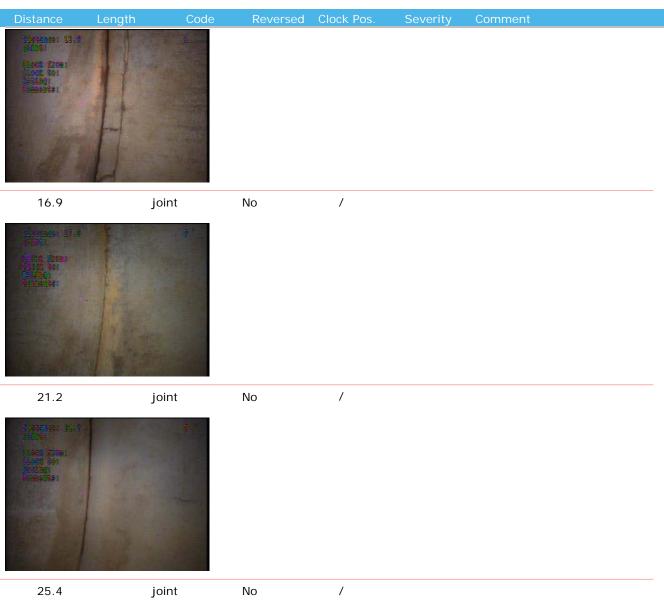


EDPI-3600



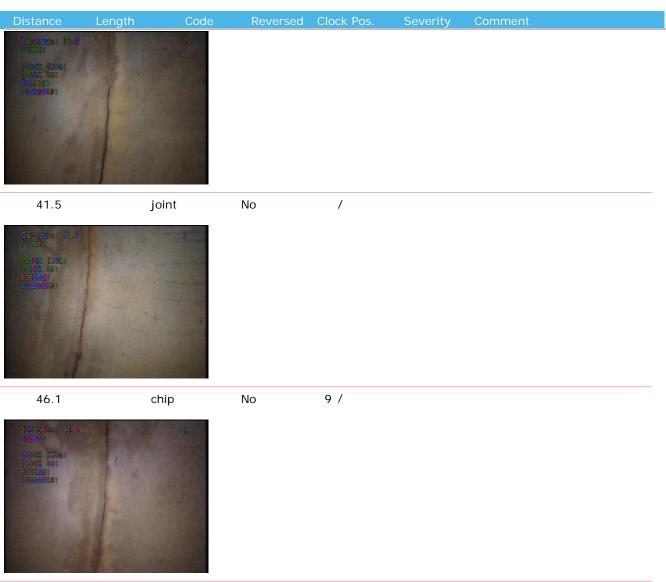
Observations							
Dista	ince	Length	Code	Reversed	Clock Pos.	Severity	Comment
	2.0		joint	No	/		
915 1960 (100 520 520	innes i dað inn ef færei Miðu iskligt						
	2.0	96.1	Crack -Major	No	12 /		MULTIPLE
Casar -Regar Susan 13 Casar -Regar Susan 13 Casar Free Casar Free Results NUSSIN							
	2.5		START WITH FLOW	No	/		







Observations

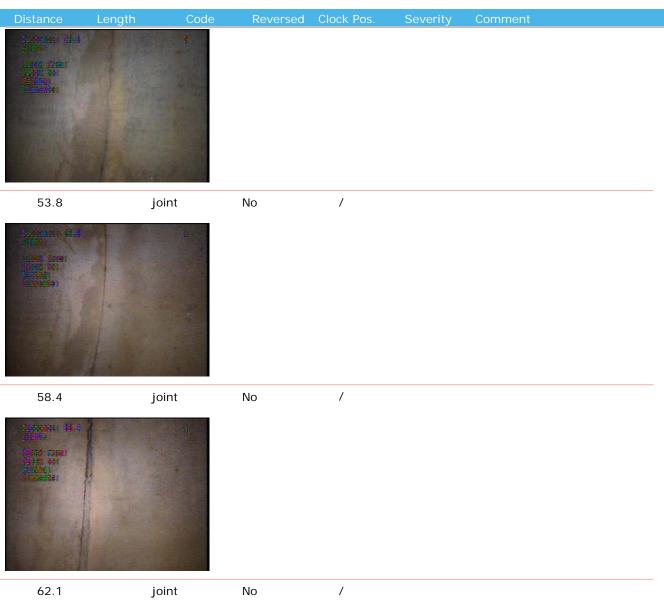


49.5 joint No

Observations with Still Images

Friday, January 17, 2020 2:06 PM

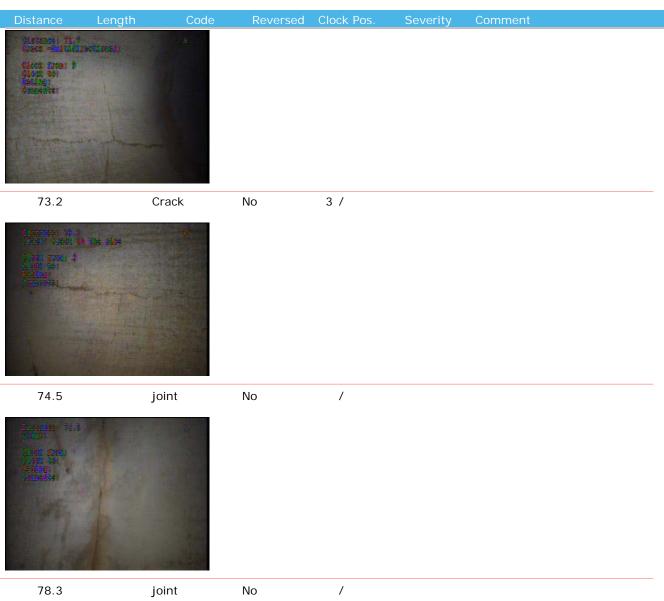
/



Observations

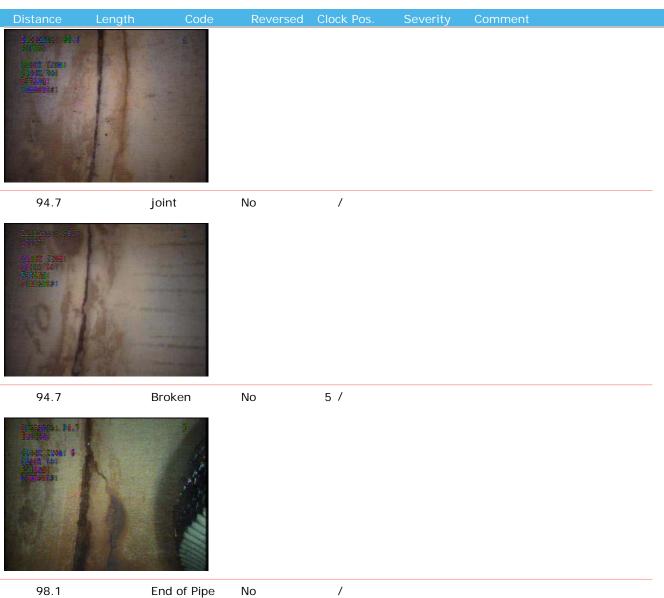


Friday, January 17, 2020 2:06 PM



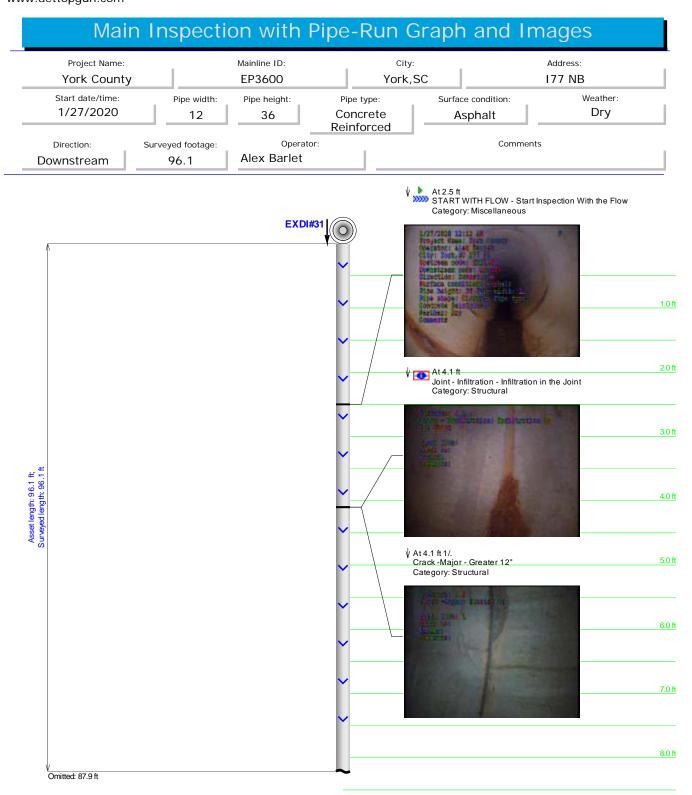


Observations



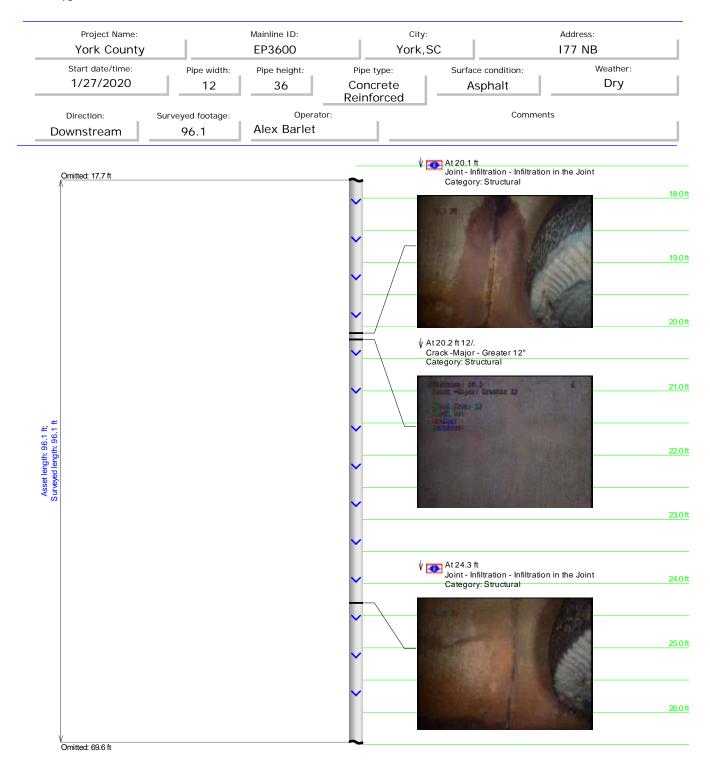
Friday, January 17, 2020 2:06 PM

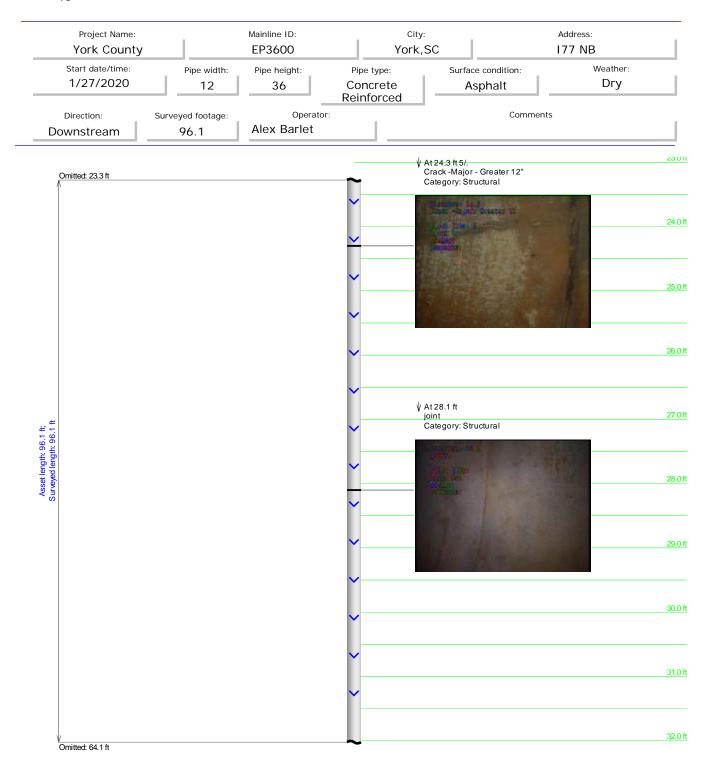


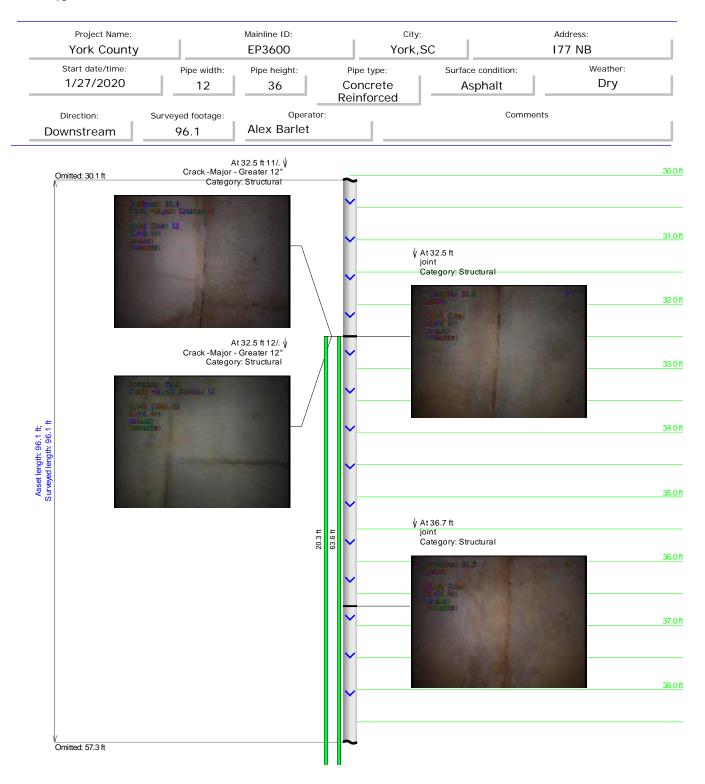


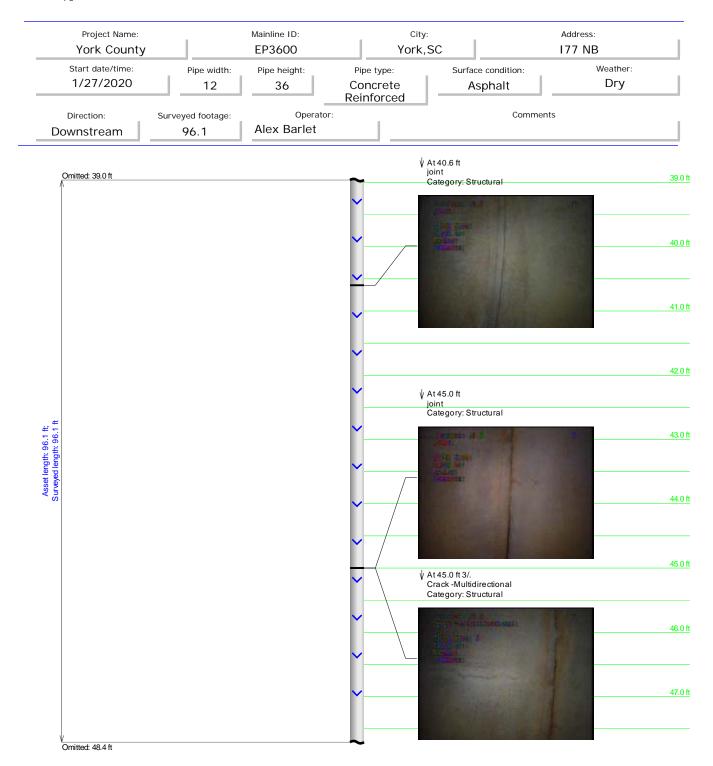


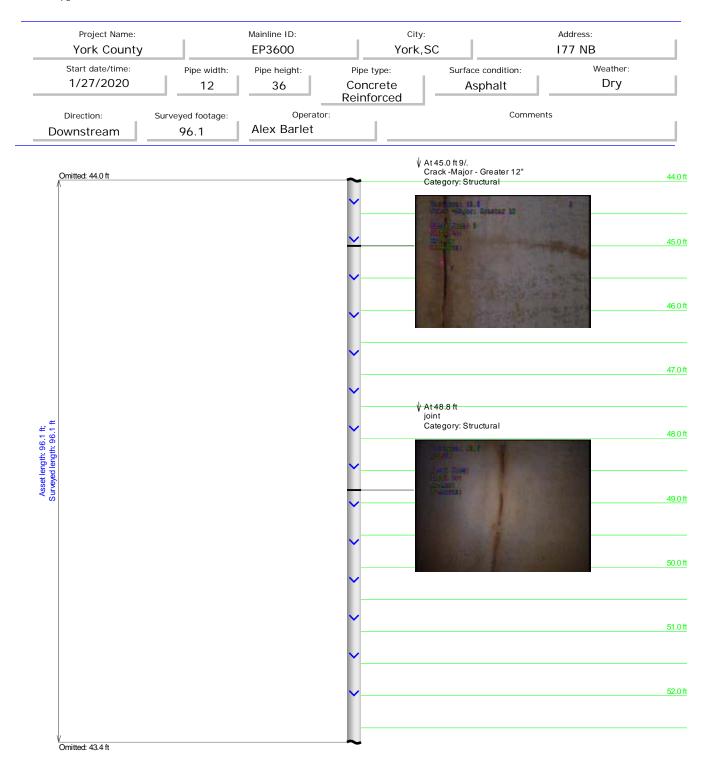


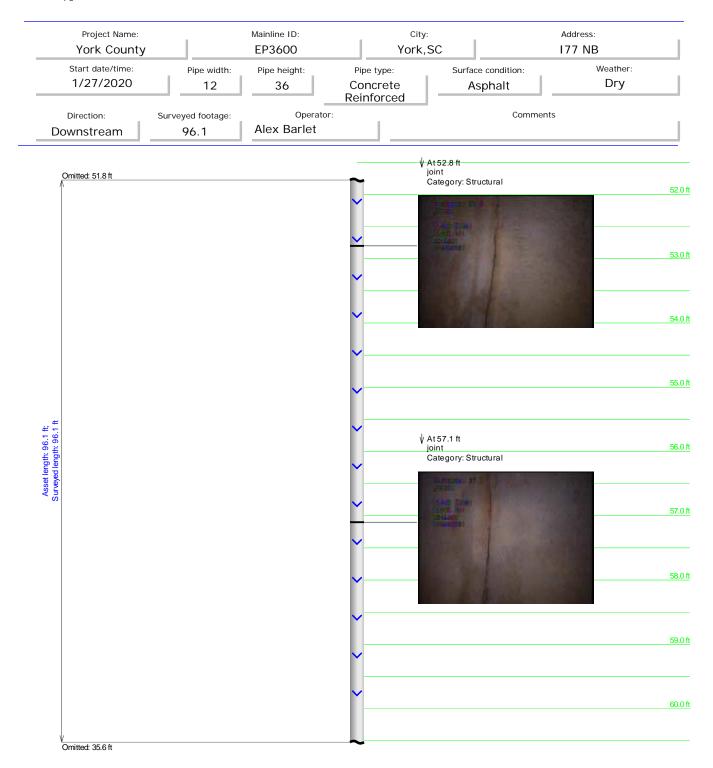






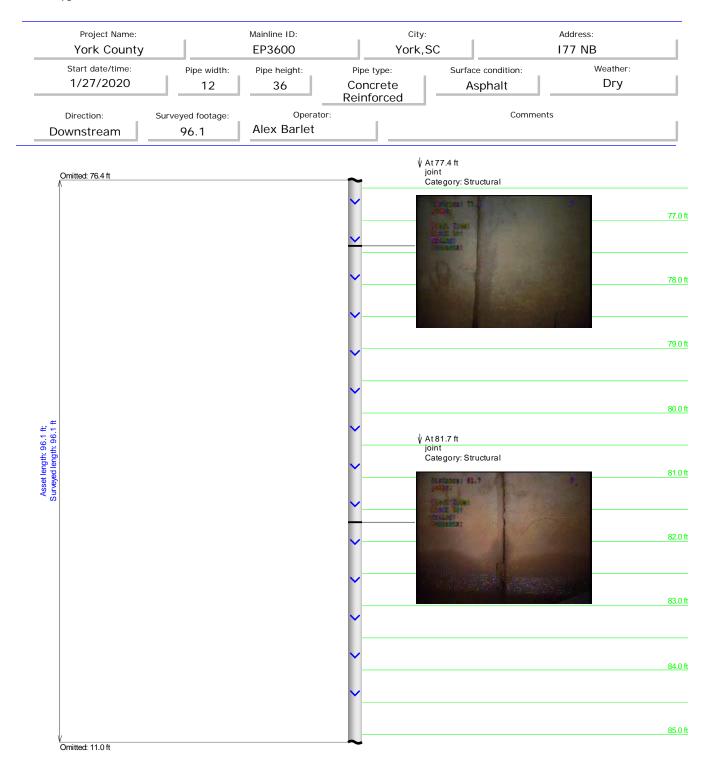


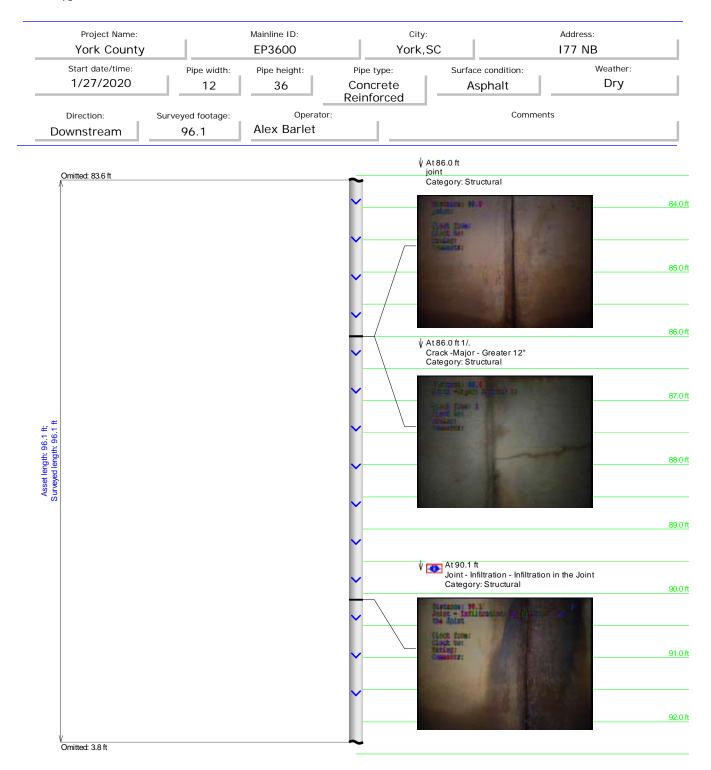


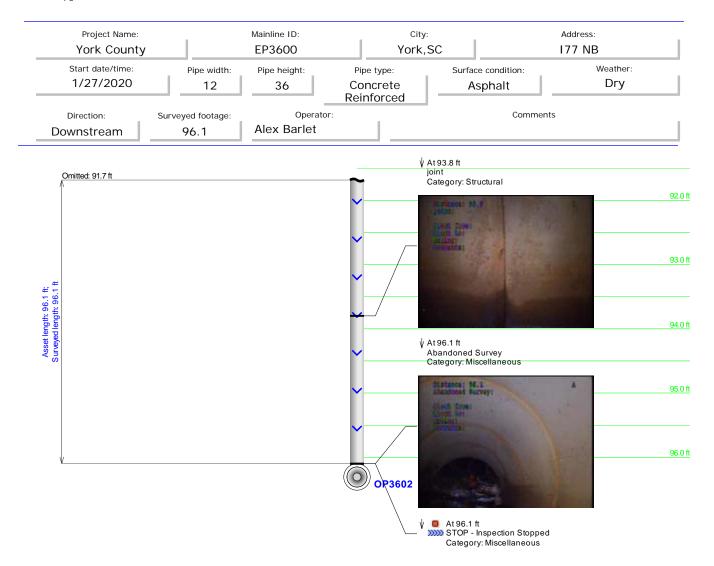














ECMP-4800

