

Inspection information furnished is for the use of the bidders and the contractor. No assurance is given that the information or interpretations will be representative of actual field conditions. The MTA will not be responsible for the bidders' or Contractor's interpretation of or conclusions drawn from the inspection information



Project Summary

Project Name:		HNTB MTA						
US MH	DS MH	Pipe ID	Date	Street	Material	Size	Total	Insp
Left In	Left Out	Left In - Left Out	4/20/2018	Exit 36 N On Ramp	Corrugated Metal Pipe	42	0	311.3

Pipe Size: 42

Total Ln.: 0

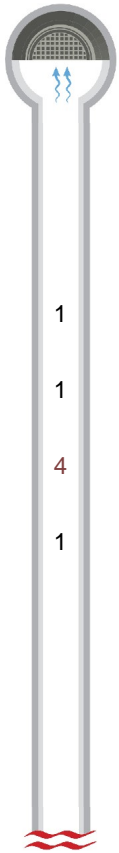
Inspected Ln.: 311.3

Project Total Ln.: 0.0

Project Inspected Ln.: 311.3

Defect Listing Plot Left

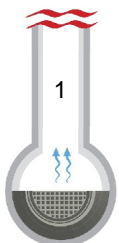
City Saco ME		Street Exit 36 N On Ramp		Date 20180420	Time 12:25
Surveyed By Adam_Gilbert	Certificate Number U-415-06024016	TBCI Job Number M-18-00301	Location Code	Weather Dry Weather/Wet Gro...	
QSR		Pipe Segment Reference Left In - Left Out			
QMR		Upstream MH Left In		Downstream MH Left Out	
OPR					
Lining Method Other	Material Corrugated Metal Pi...	Shape Circular	Height 42	Width 42	
Pipe Use Stormwater	Direction Upstream	Flow Control Plugged	Pre-Cleaning Light Cleaning	Length surveyed 311.3	
Additional Info					Total Length



Left Out

	Code:	Continuous:	Pos:	Val 1 / 2 :	% :	Gallons:
0.0 ft.	Access Point Other Left Out					
0.0 ft.	Miscellaneous Water Level				10	
37.5 ft.	Infiltration Stain		5 - 7			
76.3 ft.	Infiltration Stain		2 - 9			
95.8 ft.	Infiltration Runner Joint		3			
114.4 ft.	Infiltration Stain		7			
127.3 ft.	Miscellaneous Water Level				30	
139.8 ft.	Miscellaneous Water Level				55	
304.1 ft.	Miscellaneous Survey Abandoned Reversal complete					

Uninspected Length: 7.2 ft.

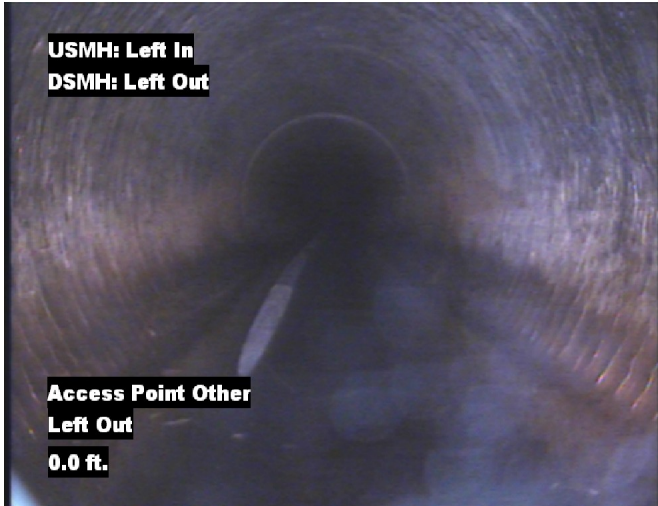


Left In

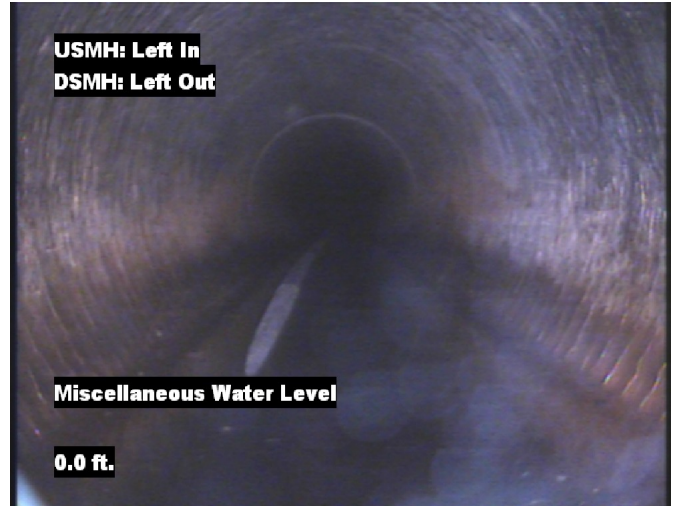
311.3 ft.	Infiltration Stain		7 - 5			
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Image Report 4/Page

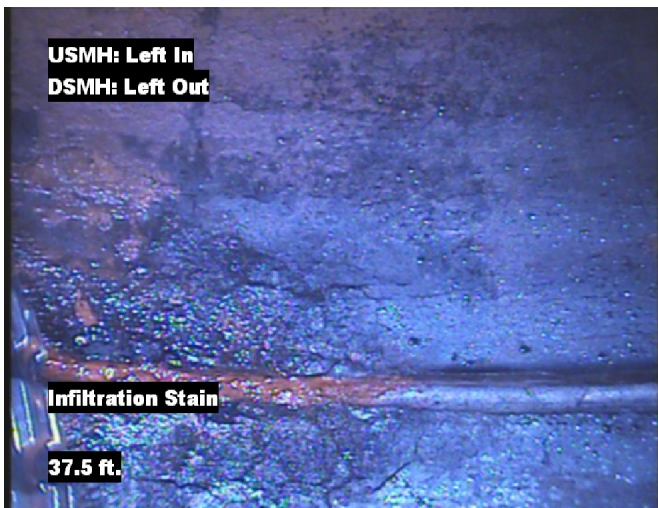
City Saco ME		Street Exit 36 N On Ramp		Date 20180420	Time 12:25
Surveyed By Adam_Gilbert	Certificate Number U-415-06024016	TBCI Job Number M-18-00301	Location Code	Weather Dry Weather/Wet Gro...	



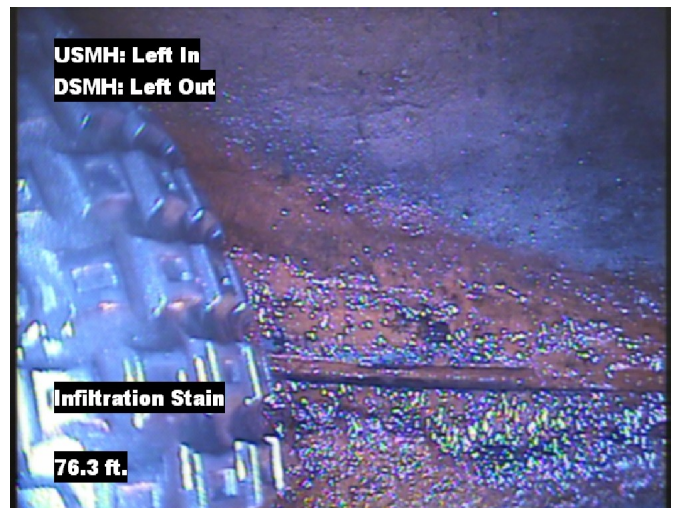
Distance: 0.0 ft. Grade: 0
Condition: Access Point Other
Remarks: Left Out



Distance: 0.0 ft. Grade: 0
Condition: Miscellaneous Water Level
Remarks: N/A



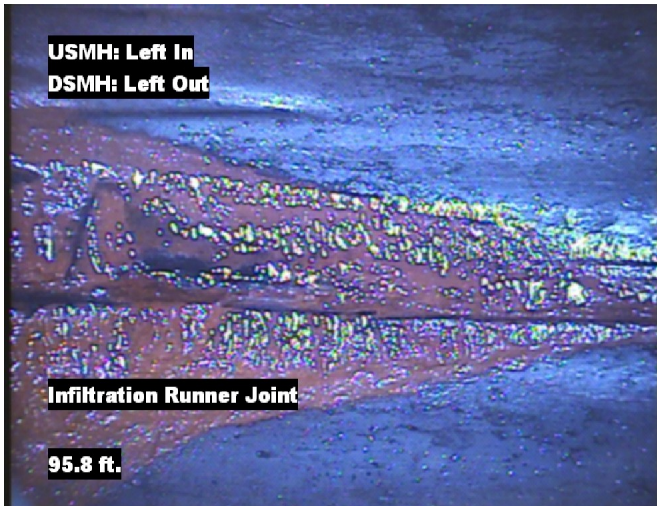
Distance: 37.5 ft. Grade: 1
Condition: Infiltration Stain
Remarks: N/A



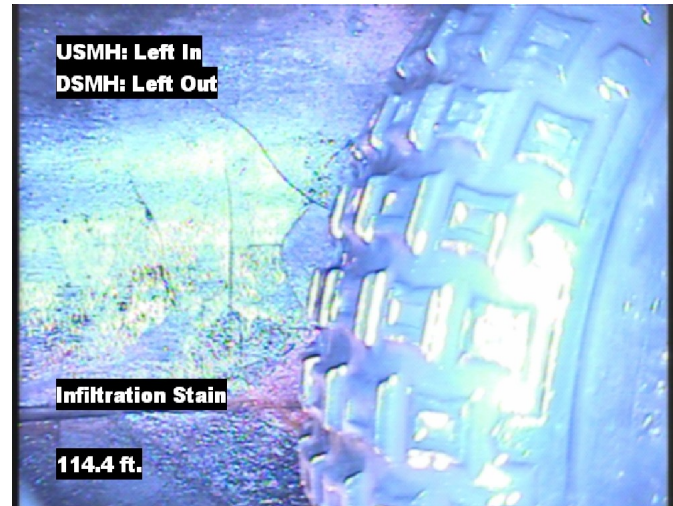
Distance: 76.3 ft. Grade: 1
Condition: Infiltration Stain
Remarks: N/A

Image Report 4/Page

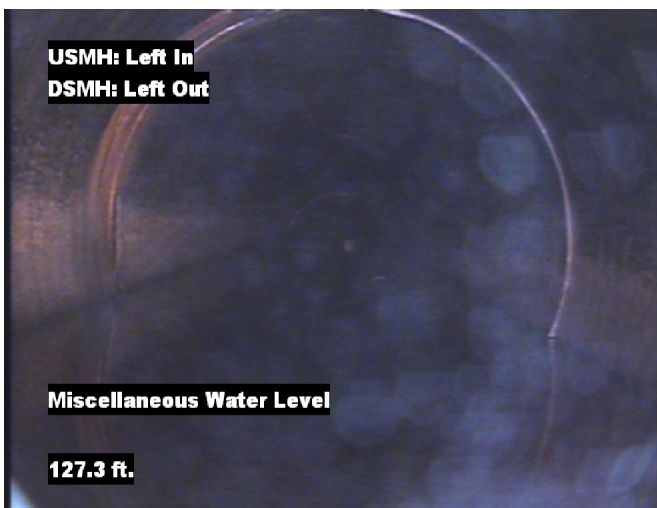
City Saco ME		Street Exit 36 N On Ramp		Date 20180420	Time 12:25
Surveyed By Adam_Gilbert	Certificate Number U-415-06024016	TBCI Job Number M-18-00301	Location Code	Weather Dry Weather/Wet Gro...	



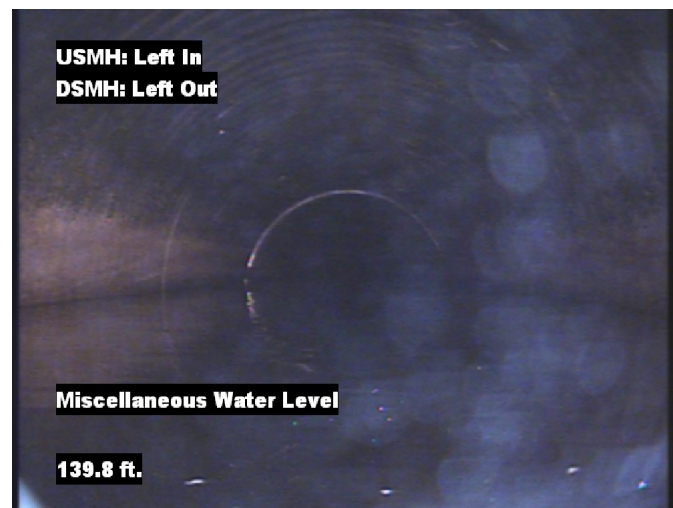
Distance: 95.8 ft. Grade: 4
Condition: Infiltration Runner Joint
Remarks: N/A



Distance: 114.4 ft. Grade: 1
Condition: Infiltration Stain
Remarks: N/A



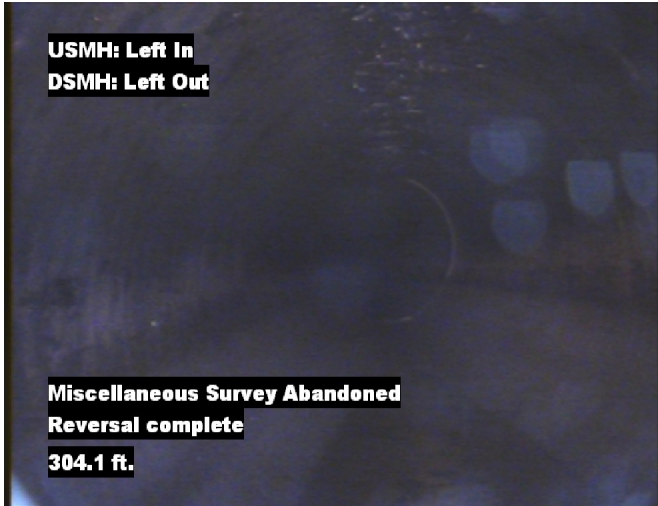
Distance: 127.3 ft. Grade: 0
Condition: Miscellaneous Water Level
Remarks: N/A



Distance: 139.8 ft. Grade: 0
Condition: Miscellaneous Water Level
Remarks: N/A

Image Report 4/Page

City Saco ME		Street Exit 36 N On Ramp		Date 20180420	Time 12:25
Surveyed By Adam_Gilbert	Certificate Number U-415-06024016	TBCI Job Number M-18-00301	Location Code	Weather Dry Weather/Wet Gro...	



Distance: 304.1 ft. Grade: 0
 Condition: Miscellaneous Survey Abandoned
 Remarks: Reversal complete



Distance: 311.3 ft. Grade: 1
 Condition: Infiltration Stain
 Remarks: N/A



PACP Conditions

City Saco ME		Street Exit 36 N On Ramp		Date 20180420	Time 12:25
Surveyed By Adam_Gilbert	Certificate Number U-415-06024016	TBCI Job Number M-18-00301	Location Code	Weather Dry Weather/Wet Gro...	

QSR	Pipe Segment Reference			
QMR	Left In - Left Out			
OPR	Upstream MH		Downstream MH	
	Left In		Left Out	
Lining Method Other	Material Corrugated Metal Pi...	Shape Circular	Height 42	Width 42
Pipe Use Stormwater	Direction Upstream	Flow Control Plugged	Pre-Cleaning Light Cleaning	Length surveyed 311.3
Additional Info				Total Length

Normal Defects	Structural Ratings			O & M Ratings			Combined Ratings		
	Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating
	1	0	0	1	4	4	1	4	4
	2	0	0	2	0	0	2	0	0
	3	0	0	3	0	0	3	0	0
	4	0	0	4	1	4	4	1	4
	5	0	0	5	0	0	5	0	0
Continuous Defects									
Code	ID	Length							
Subtotals									
		0			5			5	
SUMMARY									
		Pipe Rating	0		Pipe Rating	8		Overall Pipe Rating	8
		Structural Index	0		O&M Index	1.6		Overall Index	1.6
		Str. Quick Rating	0000		O&M Quick Rating	4114		Ovrl. Quick Rating	4114



Ted Berry Company
521 Federal Rd
Livermore Maine 04253
207-897-3348

Project Summary

Project Name:		Maine Turnpike Authority Culvert Under I-95 Saco						
US MH	DS MH	Pipe ID	Date	Street	Material	Size	Total	Insp
Culvert Outlet	Culvert Inlet		7/28/2015	I 95	Corrugated Metal Pipe	36	0	335.9

Pipe Size: 36

Total Ln.: 0

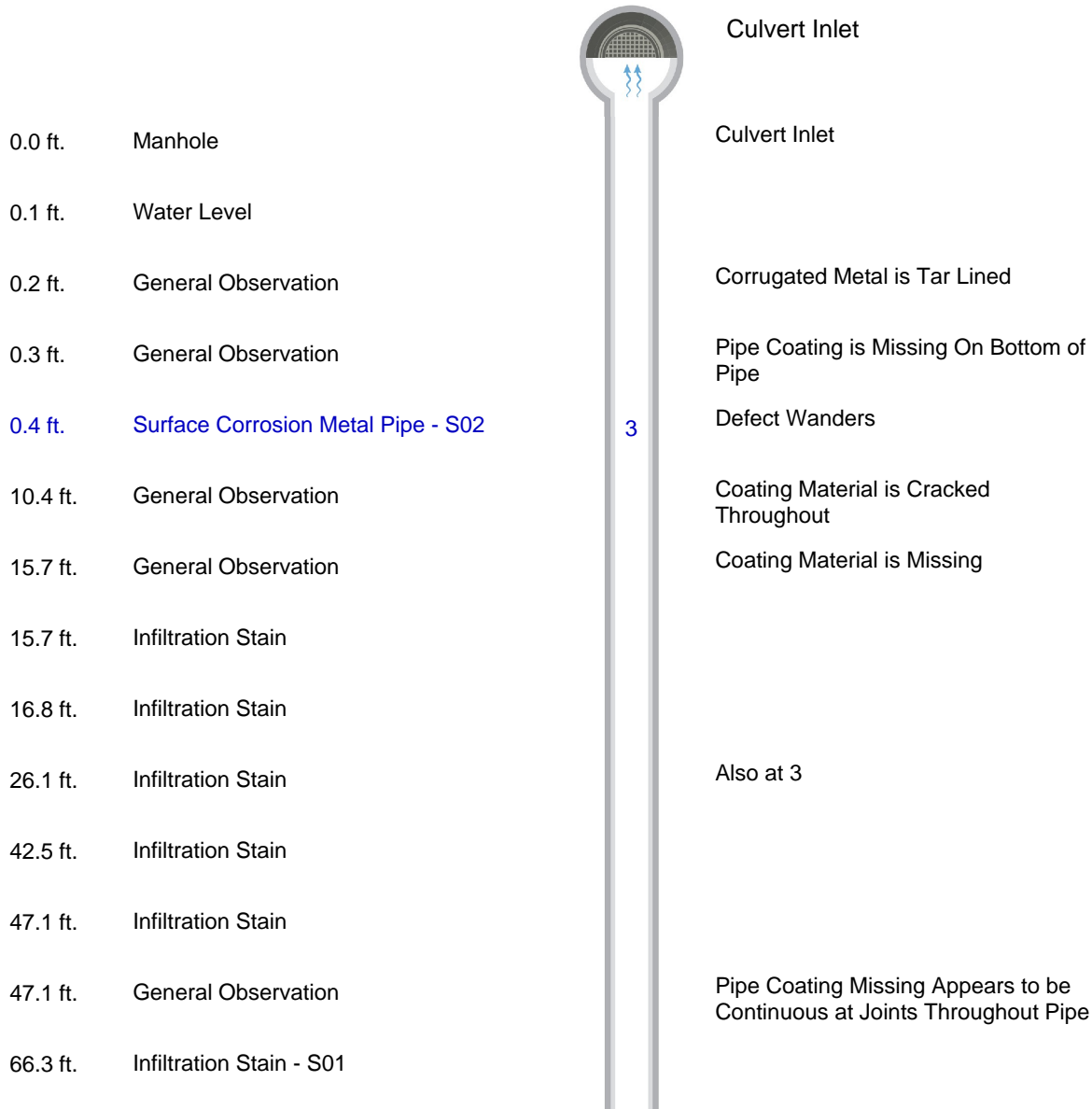
Inspected Ln.: 335.9

Project Total Ln.: 0.0

Project Inspected Ln.: 335.9

Defect Listing Plot

Customer Maine Turnpike Authority		City Saco	Street I 95	Date 20150728	Time 08:28
Surveyed By Roger_Moulton	Certificate Number 123	Work Order T-15-504	Location Code Woods	Weather Dry	
Pre-Cleaning No Pre-Cleaning	Purpose of Survey Routine Assessment		Media label		Number of ...
Year Laid		Upstream MH Culvert Outlet		Downstream MH Culvert Inlet	
Sewer Use Stormwater		Material Corrugated Metal Pipe		Shape Circular	
Length surveyed 335.9	Flow Control Not Controlled	Direction Upstream	Height 36	Width 36	
Pipe Segment Refere...	Remarks Condition Assessment				





Defect Listing Plot

Customer Maine Turnpike Authority		City Saco	Street I 95	Date 20150728	Time 08:28
Surveyed By Roger_Moulton	Certificate Number 123	Work Order T-15-504	Location Code Woods	Weather Dry	
Pre-Cleaning No Pre-Cleaning	Purpose of Survey Routine Assessment		Media label		Number of ...

Year Laid	Upstream MH Culvert Outlet		Downstream MH Culvert Inlet	
Sewer Use Stormwater	Material Corrugated Metal Pipe		Shape Circular	
Length surveyed 335.9	Direction Upstream	Height 36	Width 36	
Pipe Segment Refere...	Flow Control Not Controlled			

Remarks
Condition Assessment

70.8 ft.	Infiltration Stain			
80.0 ft.	Infiltration Stain			
103.7 ft.	Infiltration Stain			
104.0 ft.	Infiltration Stain			
106.5 ft.	Hole Soil Visible	5		
127.2 ft.	Infiltration Weeper	2	Also at 8	
128.0 ft.	Water Level			
133.1 ft.	Infiltration Stain			
187.3 ft.	Infiltration Weeper	2		
271.1 ft.	Water Level			
282.6 ft.	Infiltration Stain			
306.4 ft.	Hole Soil Visible	5		
323.5 ft.	Water Level			
327.6 ft.	Hole Soil Visible	5		
335.3 ft.	Deposits Settled Gravel	2	Rocks and Other Debris Under Water	
335.9 ft.	Infiltration Stain - F01			

Defect Listing Plot

Customer Maine Turnpike Authority		City Saco	Street I 95	Date 20150728	Time 08:28
Surveyed By Roger_Moulton	Certificate Number 123	Work Order T-15-504	Location Code Woods	Weather Dry	
Pre-Cleaning No Pre-Cleaning	Purpose of Survey Routine Assessment		Media label		Number of ...

Year Laid	Upstream MH Culvert Outlet	Downstream MH Culvert Inlet	
Sewer Use Stormwater	Material Corrugated Metal Pipe	Shape Circular	
Length surveyed 335.9	Direction Upstream	Height 36	Width 36
Pipe Segment Refere...	Flow Control Not Controlled		

Remarks Condition Assessment			
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335.9 ft. Surface Corrosion Metal Pipe - F02

3

Defect Wanders

335.9 ft. Survey Abandoned

Unable to Navigate. Able to see all of pipe by Zooming in.



Image Report 4/Page

Customer Maine Turnpike Authority		City Saco	Street I 95	Date 20150728	Time 08:28
Surveyed By Roger_Moulton	Certificate Number 123	Work Order T-15-504	Location Code Woods	Weather Dry	
Pre-Cleaning No Pre-Cleaning	Purpose of Survey Routine Assessment		Media label		Number of ...



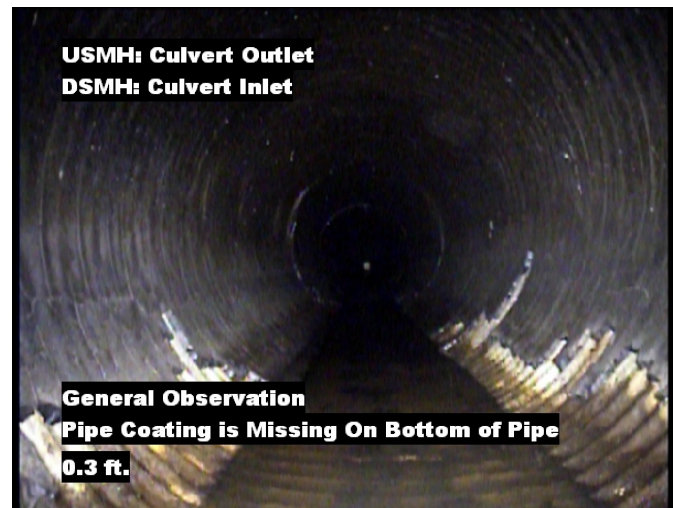
Distance: 0.0 ft. Grade: 0
Condition: Manhole
Remarks: Culvert Inlet



Distance: 0.1 ft. Grade: 0
Condition: Water Level
Remarks: N/A



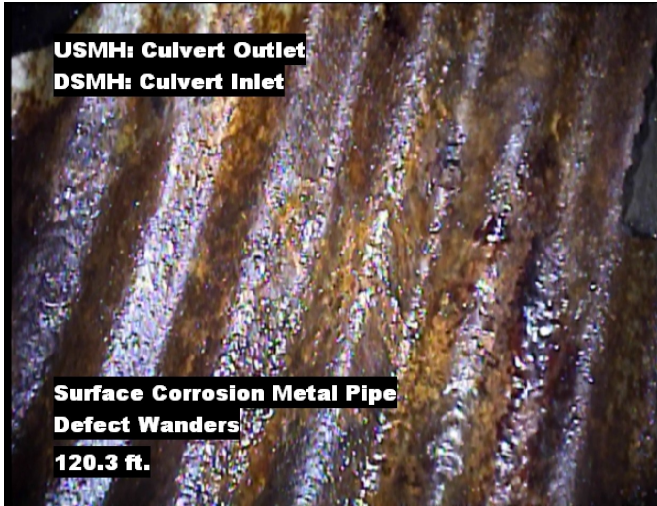
Distance: 0.2 ft. Grade: 0
Condition: General Observation
Remarks: Corrugated Metal is Tar Lined



Distance: 0.3 ft. Grade: 0
Condition: General Observation
Remarks: Pipe Coating is Missing On Bottom of Pipe

Image Report 4/Page

Customer Maine Turnpike Authority		City Saco	Street I 95	Date 20150728	Time 08:28
Surveyed By Roger_Moulton	Certificate Number 123	Work Order T-15-504	Location Code Woods	Weather Dry	
Pre-Cleaning No Pre-Cleaning	Purpose of Survey Routine Assessment		Media label		Number of ...



Distance: 0.4 ft. Grade: 3
Condition: Surface Corrosion Metal Pipe
Remarks: Defect Wanders



Distance: 10.4 ft. Grade: 0
Condition: General Observation
Remarks: Coating Material is Cracked Throughout



Distance: 15.7 ft. Grade: 0
Condition: General Observation
Remarks: Coating Material is Missing



Distance: 15.7 ft. Grade: 0
Condition: Infiltration Stain
Remarks: N/A

Image Report 4/Page

Customer Maine Turnpike Authority		City Saco	Street I 95	Date 20150728	Time 08:28
Surveyed By Roger_Moulton	Certificate Number 123	Work Order T-15-504	Location Code Woods	Weather Dry	
Pre-Cleaning No Pre-Cleaning	Purpose of Survey Routine Assessment		Media label		Number of ...



Distance: 16.8 ft. Grade: 0
Condition: Infiltration Stain
Remarks: N/A



Distance: 26.1 ft. Grade: 0
Condition: Infiltration Stain
Remarks: Also at 3



Distance: 42.5 ft. Grade: 0
Condition: Infiltration Stain
Remarks: N/A



Distance: 47.1 ft. Grade: 0
Condition: Infiltration Stain
Remarks: N/A

Image Report 4/Page

Customer Maine Turnpike Authority		City Saco	Street I 95	Date 20150728	Time 08:28
Surveyed By Roger_Moulton	Certificate Number 123	Work Order T-15-504	Location Code Woods	Weather Dry	
Pre-Cleaning No Pre-Cleaning	Purpose of Survey Routine Assessment		Media label	Number of ...	



Distance: 47.1 ft. Grade: 0
 Condition: General Observation
 Remarks: Pipe Coating Missing Appears to be Continuous at Joints Throughout Pipe



Distance: 66.3 ft. Grade: 0
 Condition: Infiltration Stain
 Remarks: N/A



Distance: 70.8 ft. Grade: 0
 Condition: Infiltration Stain
 Remarks: N/A



Distance: 80.0 ft. Grade: 0
 Condition: Infiltration Stain
 Remarks: N/A

Image Report 4/Page

Customer Maine Turnpike Authority		City Saco	Street I 95	Date 20150728	Time 08:28
Surveyed By Roger_Moulton	Certificate Number 123	Work Order T-15-504	Location Code Woods	Weather Dry	
Pre-Cleaning No Pre-Cleaning	Purpose of Survey Routine Assessment		Media label	Number of ...	



Distance: 103.7 ft. Grade: 0
Condition: Infiltration Stain
Remarks: N/A



Distance: 104.0 ft. Grade: 0
Condition: Infiltration Stain
Remarks: N/A



Distance: 106.5 ft. Grade: 5
Condition: Hole Soil Visible
Remarks: N/A



Distance: 106.5 ft. Grade: 5
Condition: Hole Soil Visible
Remarks: N/A

Image Report 4/Page

Customer Maine Turnpike Authority		City Saco	Street I 95	Date 20150728	Time 08:28
Surveyed By Roger_Moulton	Certificate Number 123	Work Order T-15-504	Location Code Woods	Weather Dry	
Pre-Cleaning No Pre-Cleaning	Purpose of Survey Routine Assessment		Media label		Number of ...



Distance: 127.2 ft. Grade: 2
Condition: Infiltration Weeper
Remarks: Also at 8



Distance: 128.0 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 133.1 ft. Grade: 0
Condition: Infiltration Stain
Remarks: N/A



Distance: 187.3 ft. Grade: 2
Condition: Infiltration Weeper
Remarks: N/A

Image Report 4/Page

Customer Maine Turnpike Authority		City Saco	Street I 95	Date 20150728	Time 08:28
Surveyed By Roger_Moulton	Certificate Number 123	Work Order T-15-504	Location Code Woods	Weather Dry	
Pre-Cleaning No Pre-Cleaning	Purpose of Survey Routine Assessment		Media label	Number of ...	



Distance: 271.1 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 282.6 ft. Grade: 0
Condition: Infiltration Stain
Remarks: N/A



Distance: 306.4 ft. Grade: 5
Condition: Hole Soil Visible
Remarks: N/A



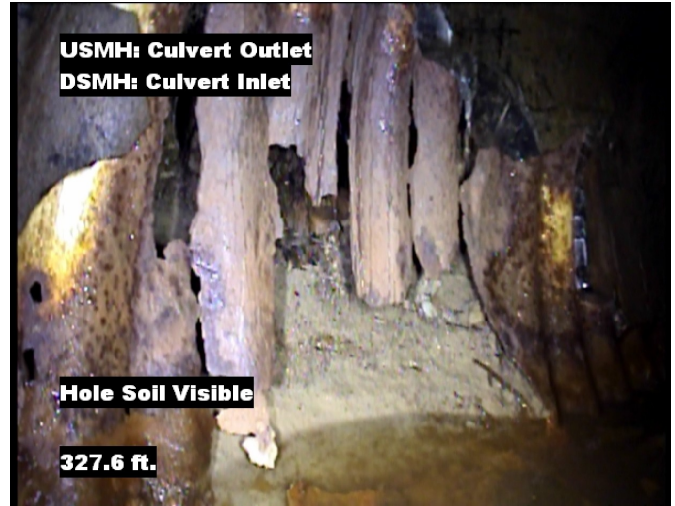
Distance: 306.4 ft. Grade: 5
Condition: Hole Soil Visible
Remarks: N/A

Image Report 4/Page

Customer Maine Turnpike Authority		City Saco	Street I 95	Date 20150728	Time 08:28
Surveyed By Roger_Moulton	Certificate Number 123	Work Order T-15-504	Location Code Woods	Weather Dry	
Pre-Cleaning No Pre-Cleaning	Purpose of Survey Routine Assessment		Media label	Number of ...	



Distance: 323.5 ft. Grade: 0
Condition: Water Level
Remarks: N/A



Distance: 327.6 ft. Grade: 5
Condition: Hole Soil Visible
Remarks: N/A



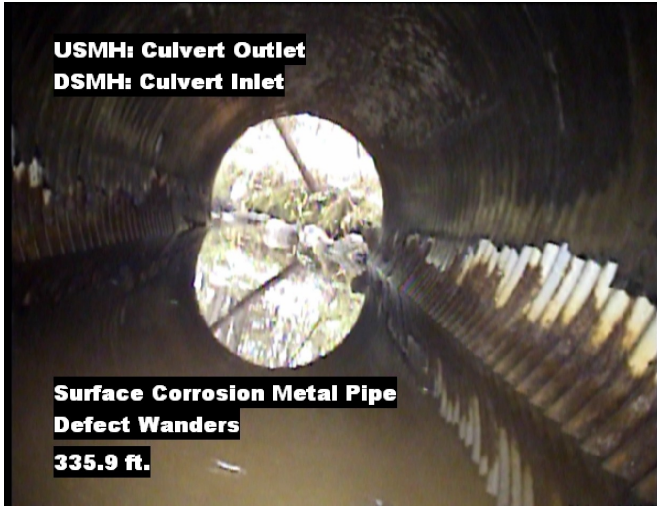
Distance: 335.3 ft. Grade: 2
Condition: Deposits Settled Gravel
Remarks: Rocks and Other Debris Under Water



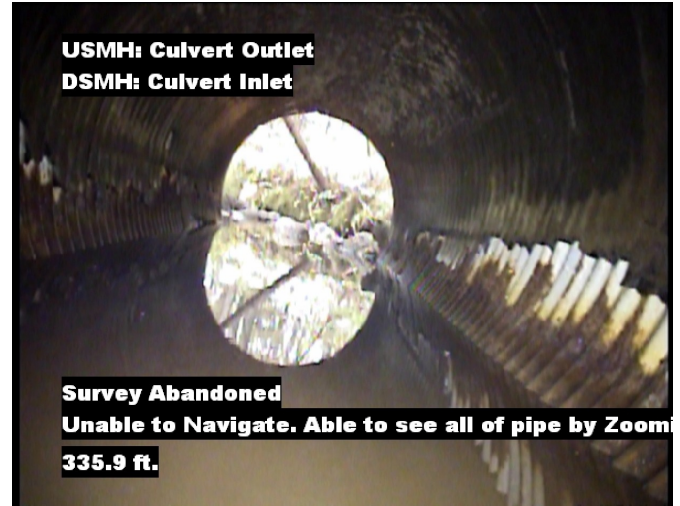
Distance: 335.9 ft. Grade: 0
Condition: Infiltration Stain
Remarks: N/A

Image Report 4/Page

Customer Maine Turnpike Authority		City Saco	Street I 95	Date 20150728	Time 08:28
Surveyed By Roger_Moulton	Certificate Number 123	Work Order T-15-504	Location Code Woods	Weather Dry	
Pre-Cleaning No Pre-Cleaning	Purpose of Survey Routine Assessment		Media label	Number of ...	



Distance: 335.9 ft. Grade: 3
 Condition: Surface Corrosion Metal Pipe
 Remarks: Defect Wanders



Distance: 335.9 ft. Grade: 0
 Condition: Survey Abandoned
 Remarks: Unable to Navigate. Able to see all of pipe by Zooming in.



PACP Conditions

Customer Maine Turnpike Authority		City Saco	Street I 95	Date 20150728	Time 08:28
Surveyed By Roger_Moulton	Certificate Number 123	Work Order T-15-504	Location Code Woods	Weather Dry	
Pre-Cleaning No Pre-Cleaning	Purpose of Survey Routine Assessment		Media label		Number of ...

Year Laid	Upstream MH Culvert Outlet		Downstream MH Culvert Inlet		
Sewer Use Stormwater	Material Corrugated Metal Pipe		Shape Circular		
Length surveyed 335.9	Flow Control Not Controlled	Direction Upstream	Height 36	Width 36	

Remarks Condition Assessment					
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Normal Defects	Structural Ratings			O & M Ratings			Combined Ratings				
	Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating	Grade Rating	No. Occur.	Rating		
	1	0	0	1	0	0	1	0	0		
	2	0	0	2	3	6	2	3	6		
	3	0	0	3	0	0	3	0	0		
	4	0	0	4	0	0	4	0	0		
	5	3	15	5	0	0	5	3	15		
Continuous Defects											
Code	ID	Length									
IS	F01	269.6	0	0	0	0	0	54	0		
SCP	F02	335.5	3	67	201	0	0	67	201		
Subtotals			70	Subtotals			3	Subtotals			73
SUMMARY			Pipe Rating	216	Pipe Rating	6	Overall Pipe Rating		222		
			Structural Index	3.1	O&M Index	2.0	Overall Index		3.0		
			Str. Quick Rating	533L	O&M Quick Rating	2300	Ovrl. Quick Rating		533L		