

ATTACHMENT G – CCTV Videos & Reports

All CCTV Videos: https://www.youtube.com/playlist?list=PLH2ct4eZHywyWxfB0ePUZuimBD3mF-Q87	
Individual CCTV Videos:	
Pipe Segment	CCTV Video Link
MH-750 to MH-749	https://youtu.be/0dH-tdGbM2g
MH-749 to MH-748	https://youtu.be/7tnkYczHqZk
MH-748 to MH-747	https://youtu.be/VSo4XhdMZkM
MH-747 to MH-746	https://youtu.be/T4hF-QLxSBY
MH-746 to MH-745	https://youtu.be/kyzveibf2UQ
MH-745 to MH-742	https://youtu.be/TPo0rgZn8HY
MH-742 to MH-741	https://youtu.be/GY358Eneiuo
MH-741 to MH-740	https://youtu.be/zlJDO_DDHlc

Inspection Report

Date 7/15/2019	P/O. No.	Weather Dry	Surveyor's Name Kyle_G	Pipe Segment Reference 2	Section No. 1
Certificate No. U-916-07005449	Survey Customer	System Owner Arlington County	Preset :	Pre-Cleaning Heavy Cleaning	Sewer Category

Street City Loc. details Location Code	Spout Run Arlington County- VA Woods	Use of Sewer Drainage Area Flow Control Length surveyed	Sanitary Not Controlled 498.60 ft	Upstream MH Downstream MH Dir. of Survey Section Length	MH749 MH748 Downstream 498.60 ft
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Purpose of Survey Year Laid Year Rehabilitated Tape / Media No.	Routine Assessment 1	Joint Length Dia./Height Material Lining Method	33 inch Reinforced Concrete Pipe
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Add. Information :

1:1200	Position	Observation	Photo				
	0.00	Water Level, 10 %of cross sectional area	MH749_D_MH748_MWL_0.jpg				
	0.00	Manhole	MH749_D_MH748_AMH_0.jpg				
	5.00	S1 Surface Aggregate Projecting, from 07 to 05 o'clock, within 8 inches: YES	MH749_D_MH748_SAP_5.jpg				
	134.00	S2 Surface Aggregate Visible, from 09 to 03 o'clock, within 8 inches of joint: NO, Start	MH749_D_MH748_SAV_134.jpg				
	134.80	F1 Surface Aggregate Projecting, from 07 to 05 o'clock, within 8 inches: NO	MH749_D_MH748_SAP_134.8.jpg				
	248.90	Infiltration Runner , at 07 o'clock, within 8 inches: YES	MH749_D_MH748_IR_248.9.jpg				
	491.00	F2 Surface Aggregate Visible, from 09 to 03 o'clock, within 8 inches of joint: NO, Finish	MH749_D_MH748_SAV_491.jpg				
	498.60	Manhole	MH749_D_MH748_AMH_498.6.jpg				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3R00	4100	291	4	295	3	4	3.01

Inspection photos

City : Arlington County- VA	Street : Spout Run	Date : 7/15/2019	Pipe Segment Reference : 2	Section No : 1
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Photo: MH749_D_MH748_AMH_0.jpg, VCR No.: 1
 0FT, Manhole



Photo: MH749_D_MH748_MWL_0.jpg, VCR No.: 1
 0FT, Water Level, 10 %of cross sectional area



Photo: MH749_D_MH748_SAP_5.jpg, VCR No.: 1
 5FT, Surface Aggregate Projecting, from 07 to 05 o'clock,
 within 8 inches: YES



Photo: MH749_D_MH748_SAV_134.jpg, VCR No.: 1
 134FT, Surface Aggregate Visible, from 09 to 03 o'clock,
 within 8 inches of joint: NO, Start

Inspection photos

City : Arlington County- VA	Street : Spout Run	Date : 7/15/2019	Pipe Segment Reference : 2	Section No : 1
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Photo: MH749_D_MH748_SAP_134.8.jpg, VCR No.: 1
134.8FT, Surface Aggregate Projecting, from 07 to 05 o'clock,
within 8 inches: NO

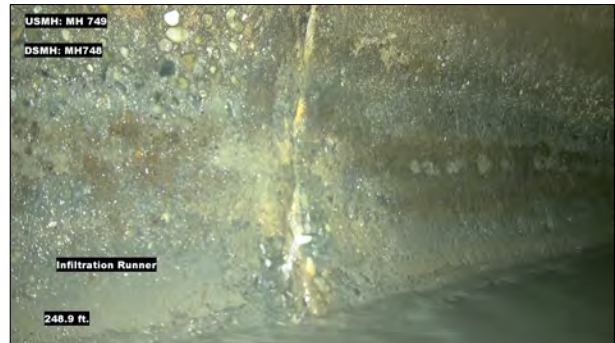


Photo: MH749_D_MH748_IR_248.9.jpg, VCR No.: 1
248.9FT, Infiltration Runner, at 07 o'clock, within 8 inches: YES



Photo: MH749_D_MH748_SAV_491.jpg, VCR No.: 1
491FT, Surface Aggregate Visible, from 09 to 03 o'clock,
within 8 inches of joint: NO, Finish



Photo: MH749_D_MH748_AMH_498.6.jpg, VCR No.: 1
498.6FT, Manhole



Inspection Report

Date 7/15/2019	P/O. No.	Weather Dry	Surveyor's Name Kyle_G	Pipe Segment Reference 1	Section No. 2
Certificate No. U-916-07005449	Survey Customer	System Owner Arlington County	Preset :	Pre-Cleaning Heavy Cleaning	Sewer Category

Street Spout Run	Use of Sewer Sanitary	Upstream MH MH750
City Arlington County- VA	Drainage Area	Dowstream MH MH749
Loc. details	Flow Control Not Controlled	Dir. of Survey Upstream
Location Code Woods	Length surveyed 27.90 ft	Section Length 27.90 ft

Purpose of Survey Routine Assessment	Joint Length
Year Laid	Dia./Height 33 inch
Year Rehabilitated	Material Reinforced Concrete Pipe
Tape / Media No. 1	Lining Method

Add. Information :

1:75	Position	Observation	Photo				
	0.00	Water Level, 10% of cross sectional area	MH750_U_MH749_MWL_0.jpg				
	0.00	Manhole	MH750_U_MH749_AMH_0.jpg				
	1.00	S1 Surface Aggregate Visible, from 09 to 03 o'clock, within 8 inches of joint: YES, Start	MH750_U_MH749_SAV_1.jpg				
	26.00	F1 Surface Aggregate Visible, from 09 to 03 o'clock, within 8 inches of joint: YES, Finish	MH750_U_MH749_SAV_26.jpg				
	27.90	Manhole	MH750_U_MH749_AMH_27.9.jpg				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3500	0000	15	0	15	3	0	3

Inspection photos

City : Arlington County- VA	Street : Spout Run	Date : 7/15/2019	Pipe Segment Reference : 1	Section No : 2
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Photo: MH750_U_MH749_AMH_0.jpg, VCR No.: 1
 0FT, Manhole



Photo: MH750_U_MH749_MWL_0.jpg, VCR No.: 1
 0FT, Water Level, 10% of cross sectional area

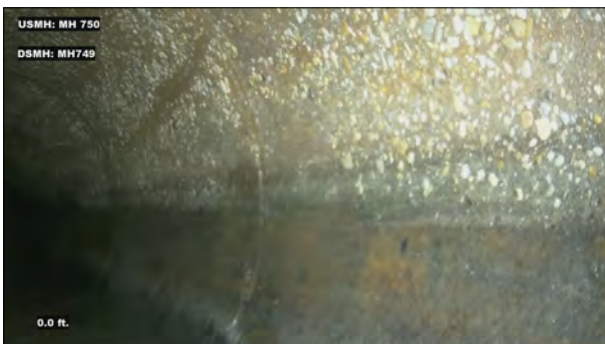


Photo: MH750_U_MH749_SAV_1.jpg, VCR No.: 1
 1FT, Surface Aggregate Visible, from 09 to 03 o'clock, within
 8 inches of joint: YES, Start



Photo: MH750_U_MH749_SAV_26.jpg, VCR No.: 1
 26FT, Surface Aggregate Visible, from 09 to 03 o'clock, within
 8 inches of joint: YES, Finish

Inspection photos

City : Arlington County- VA	Street : Spout Run	Date : 7/15/2019	Pipe Segment Reference : 1	Section No : 2
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Photo: MH750_U_MH749_AMH_27.9.jpg, VCR No.: 1
27.9FT, Manhole

Inspection Report

Date 7/22/2019	P/O. No.	Weather Dry	Surveyor's Name Kyle_G	Pipe Segment Reference 3	Section No. 3
Certificate No. U-916-07005449	Survey Customer	System Owner Arlington County	Preset :	Pre-Cleaning Heavy Cleaning	Sewer Category

Street Taft St.	Use of Sewer Sanitary	Upstream MH MH748
City Arlington County- VA	Drainage Area	Dowstream MH MH747
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Easement/Right of Way	Length surveyed 442.40 ft	Section Length 442.40 ft

Purpose of Survey Routine Assessment	Joint Length
Year Laid	Dia./Height 33 inch
Year Rehabilitated	Material Reinforced Concrete Pipe
Tape / Media No. 1	Lining Method

Add. Information :

1:1065	Position	Observation	Photo				
		Manhole	MH748_D_MH747_AMH_0.jpg				
	0.00	Water Level, 10% of cross sectional area	MH748_D_MH747_MWL_0.jpg				
	5.00	S1 Surface Aggregate Visible, from 08 to 04 o'clock, within 8 inches of joint: YES, Start	MH748_D_MH747_SAV_5.jpg				
	406.90	Infiltration Stain, from 03 to 05 o'clock, within 8 inches: NO	MH748_D_MH747_IS_406.9.jpg				
	407.00	Infiltration Stain, from 07 to 08 o'clock, within 8 inches: NO	MH748_D_MH747_IS_407.jpg				
	436.00	F1 Surface Aggregate Visible, from 08 to 04 o'clock, within 8 inches of joint: YES, Finish	MH748_D_MH747_SAV_436.jpg				
	442.40	Manhole	MH748_D_MH747_AMH_442.4.jpg				
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3P00	0000	258	0	258	3	0	3

Inspection photos

City : Arlington County- VA	Street : Taft St.	Date : 7/22/2019	Pipe Segment Reference : 3	Section No : 3
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Photo: MH748_D_MH747_AMH_0.jpg, VCR No.: 1
 0FT, Manhole



Photo: MH748_D_MH747_MWL_0.jpg, VCR No.: 1
 0FT, Water Level, 10% of cross sectional area

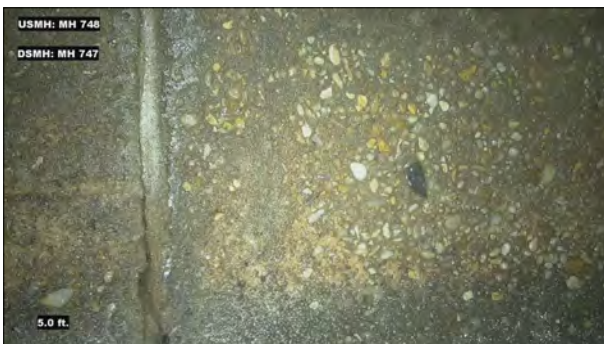


Photo: MH748_D_MH747_SAV_5.jpg, VCR No.: 1
 5FT, Surface Aggregate Visible, from 08 to 04 o'clock, within
 8 inches of joint: YES, Start



Photo: MH748_D_MH747_IS_406.9.jpg, VCR No.: 1
 406.9FT, Infiltration Stain, from 03 to 05 o'clock, within 8
 inches: NO

Inspection photos

City : Arlington County- VA	Street : Taft St.	Date : 7/22/2019	Pipe Segment Reference : 3	Section No : 3
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Photo: MH748_D_MH747_IS_407.jpg, VCR No.: 1
407FT, Infiltration Stain, from 07 to 08 o'clock, within 8 inches:
NO



Photo: MH748_D_MH747_SAV_436.jpg, VCR No.: 1
436FT, Surface Aggregate Visible, from 08 to 04 o'clock,
within 8 inches of joint: YES, Finish



Photo: MH748_D_MH747_AMH_442.4.jpg, VCR No.: 1
442.4FT, Manhole

Inspection Report

Date 7/23/2019	P/O. No.	Weather 6	Surveyor's Name Kyle_G	Pipe Segment Reference 4	Section No. 4
Certificate No. U-916-07005449	Survey Customer	System Owner Arlington County	Preset :	Pre-Cleaning Heavy Cleaning	Sewer Category

Street City Loc. details Location Code	Taft St. Arlington County- VA Easement/Right of Way	Use of Sewer Drainage Area Flow Control Length surveyed	Sanitary Not Controlled 487.40 ft	Upstream MH Downstream MH Dir. of Survey Section Length	MH747 MH746 Downstream 487.40 ft
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Purpose of Survey Year Laid Year Rehabilitated Tape / Media No.	Routine Assessment Joint Length Dia./Height Material Lining Method
1	33 inch Reinforced Concrete Pipe

Add. Information :

1:1170 Position	Observation	Photo					
	Manhole Water Level, 15 %of cross sectional area S1 Surface Aggregate Visible, from 07 to 05 o'clock, within 8 inches: YES Infiltration Runner, at 02 o'clock, within 8 inches: YES	MH747_D_MH746_AMH_0.jpg MH747_D_MH746_MWL_0.jpg MH747_D_MH746_SAV_0.jpg MH747_D_MH746_IR_39.2.jpg					
474.00 487.40	F1 Surface Aggregate Visible, from 07 to 05 o'clock, within 8 inches of joint: YES, Finish Manhole	MH747_D_MH746_SAV_474.jpg MH747_D_MH746_AMH_487.4.jpg					
QSR 3R00	QMR 4100	SPR 285	MPR 4	OPR 289	SPRI 3	MPRI 4	OPRI 3.01

Inspection photos

City : Arlington County- VA	Street : Taft St.	Date : 7/23/2019	Pipe Segment Reference : 4	Section No : 4
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Photo: MH747_D_MH746_AMH_0.jpg, VCR No.: 1
 0FT, Manhole



Photo: MH747_D_MH746_MWL_0.jpg, VCR No.: 1
 0FT, Water Level, 15 %of cross sectional area



Photo: MH747_D_MH746_SAV_0.jpg, VCR No.: 1
 0FT, Surface Aggregate Visible, from 07 to 05 o'clock, within
 8 inches: YES



Photo: MH747_D_MH746_IR_39.2.jpg, VCR No.: 1
 39.2FT, Infiltration Runner, at 02 o'clock, within 8 inches: YES

Inspection photos

City : Arlington County- VA	Street : Taft St.	Date : 7/23/2019	Pipe Segment Reference : 4	Section No : 4
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Photo: MH747_D_MH746_SAV_474.jpg, VCR No.: 1
474FT, Surface Aggregate Visible, from 07 to 05 o'clock,
within 8 inches of joint: YES, Finish



Photo: MH747_D_MH746_AMH_487.4.jpg, VCR No.: 1
487.4FT, Manhole

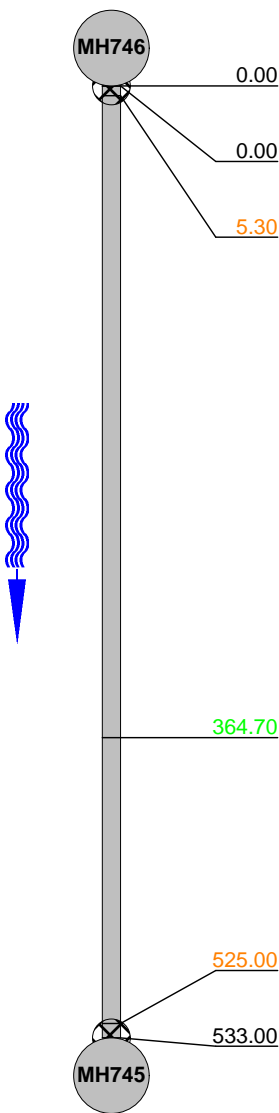
Inspection Report

Date 8/13/2019	P/O. No.	Weather Light Rain	Surveyor's Name Kyle_G	Pipe Segment Reference 5	Section No. 5
Certificate No. U-916-07005449	Survey Customer	System Owner Arlington County	Preset :	Pre-Cleaning Heavy Cleaning	Sewer Category

Street N Quinn St	Use of Sewer Sanitary	Upstream MH MH746
City Arlington County- VA	Drainage Area	Dowstream MH MH745
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 533.00 ft	Section Length 533.00 ft

Purpose of Survey	Joint Length
Year Laid	Dia./Height 33 inch
Year Rehabilitated	Material Reinforced Concrete Pipe
Tape / Media No. 1	Lining Method

Add. Information :

1:1290	Position	Observation	Photo
		Manhole	MH746_D_MH745_AMH_0.jpg
	0.00	Water Level, 5% of cross sectional area	MH746_D_MH745_MWL_0.jpg
	0.00		
	5.30	S1 Surface Aggregate Visible Unknown, from 07 to 04 o'clock, within 8 inches: NO	MH746_D_MH745_SAVZ_5.3.j pg
	364.70	Roots Fine Joint, at 02 o'clock, within 8 inches: YES	MH746_D_MH745_RFJ_364.7.j pg
	525.00	F1 Surface Aggregate Visible Unknown, from 07 to 04 o'clock, within 8 inches: NO	MH746_D_MH745_SAVZ_525.j pg
	533.00	Manhole	MH746_D_MH745_AMH_533.j pg

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3T00	1100	312	1	313	3	1	2.98

Inspection photos

City : Arlington County- VA	Street : N Quinn St	Date : 8/13/2019	Pipe Segment Reference : 5	Section No : 5
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Photo: MH746_D_MH745_AMH_0.jpg, VCR No.: 1
 0FT, Manhole



Photo: MH746_D_MH745_MWL_0.jpg, VCR No.: 1
 0FT, Water Level, 5% of cross sectional area



Photo: MH746_D_MH745_SAVZ_5.3.jpg, VCR No.: 1
 5.3FT, Surface Aggregate Visible Unknown, from 07 to 04
 o'clock, within 8 inches: NO

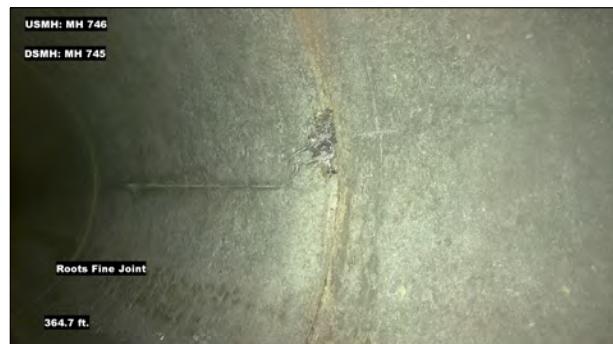


Photo: MH746_D_MH745_RFJ_364.7.jpg, VCR No.: 1
 364.7FT, Roots Fine Joint, at 02 o'clock, within 8 inches: YES

Inspection photos

City : Arlington County- VA	Street : N Quinn St	Date : 8/13/2019	Pipe Segment Reference : 5	Section No : 5
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Photo: MH746_D_MH745_SAVZ_525.jpg, VCR No.: 1
525FT, Surface Aggregate Visible Unknown, from 07 to 04
o'clock, within 8 inches: NO



Photo: MH746_D_MH745_AMH_533.jpg, VCR No.: 1
533FT, Manhole

Inspection Report

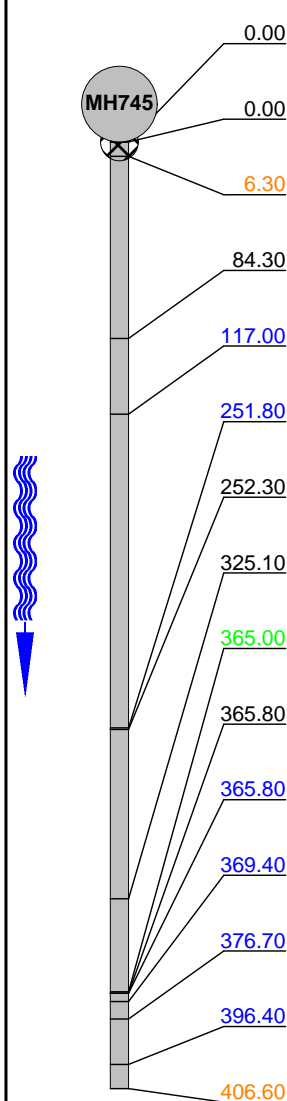
Date 8/13/2019	P/O. No.	Weather Dry	Surveyor's Name Kyle_G	Pipe Segment Reference 6	Section No. 6
Certificate No. U-916-07005449	Survey Customer	System Owner Arlington County	Preset :	Pre-Cleaning Heavy Cleaning	Sewer Category

Street N Quinn St	Use of Sewer Sanitary	Upstream MH MH745
City Arlington County- VA	Drainage Area	Dowstream MH MH742
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Light Highway	Length surveyed 412.30 ft	Section Length 412.30 ft

Purpose of Survey Routine Assessment	Joint Length
Year Laid	Dia./Height 33 inch
Year Rehabilitated	Material Reinforced Concrete Pipe
Tape / Media No. 1	Lining Method

Add. Information :

1:990 Position	Observation	Photo
0.00	Manhole	MH745_D_MH742_AMH_0.jpg
0.00	Water Level, 5% of cross sectional area	MH745_D_MH742_MWL_0.jpg
6.30	S1 Surface Aggregate Visible Unknown, from 09 to 03 o'clock, within 8 inches: NO	MH745_D_MH742_SAVZ_6.3.jpg
84.30	Water Mark, 25% of cross sectional area	MH745_D_MH742_MWM_84.3.jpg
117.00	Deposits Attached Encrustation, 5% of cross sectional area, at 08 o'clock, within 8 inches: YES	MH745_D_MH742_DAE_117.jpg
251.80	Infiltration Weeper, at 11 o'clock, within 8 inches: YES	MH745_D_MH742_IW_251.8.jpg
252.30	Infiltration Stain, at 03 o'clock, within 8 inches: YES	MH745_D_MH742_IS_252.3.jpg
325.10	Infiltration Stain, at 02 o'clock, within 8 inches: YES	MH745_D_MH742_IS_325.1.jpg
365.00	Crack Circumferential, from 08 to 05 o'clock, within 8 inches of joint: NO	MH745_D_MH742_CC_365.jpg
365.80	Infiltration Stain, at 02 o'clock, within 8 inches: YES	MH745_D_MH742_IS_365.8.jpg
365.80	Deposits Attached Encrustation, 5% of cross sectional area, at 03 o'clock, within 8 inches: YES	MH745_D_MH742_DAE_365.8.jpg
369.40	Deposits Attached Encrustation, 5% of cross sectional area, at 11 o'clock, within 8 inches: YES	MH745_D_MH742_DAE_369.4.jpg
376.70	Deposits Attached Encrustation, 5% of cross sectional area, at 11 o'clock, within 8 inches: YES	MH745_D_MH742_DAE_376.7.jpg
396.40	Deposits Attached Encrustation, 5% of cross sectional area, at 10 o'clock, within 8 inches: YES	MH745_D_MH742_DAE_396.4.jpg
406.60	F1 Surface Aggregate Visible Unknown, from 09 to 03 o'clock, within 8 inches: NO	MH745_D_MH742_SAVZ_406.6.jpg



Inspection Report

Date 8/13/2019	P/O. No.	Weather Dry	Surveyor's Name Kyle_G	Pipe Segment Reference 6	Section No. 6
Certificate No. U-916-07005449	Survey Customer	System Owner Arlington County	Preset :	Cleaned : Heavy Cleaning	Sewer Category

1:990	Position	Observation	Photo
	412.30	Manhole	MH745_D_MH742_AMH_412.3.jpg

QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3011	2600	241	12	253	2.98	2	2.91

Inspection photos

City : Arlington County- VA	Street : N Quinn St	Date : 8/13/2019	Pipe Segment Reference : 6	Section No : 6
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Photo: MH745_D_MH742_AMH_0.jpg, VCR No.: 1
 0FT, Manhole



Photo: MH745_D_MH742_MWL_0.jpg, VCR No.: 1
 0FT, Water Level, 5% of cross sectional area



Photo: MH745_D_MH742_SAVZ_6.3.jpg, VCR No.: 1
 6.3FT, Surface Aggregate Visible Unknown, from 09 to 03
 o'clock, within 8 inches: NO



Photo: MH745_D_MH742_MWM_84.3.jpg, VCR No.: 1
 84.3FT, Water Mark, 25% of cross sectional area

Inspection photos

City : Arlington County- VA	Street : N Quinn St	Date : 8/13/2019	Pipe Segment Reference : 6	Section No : 6
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Photo: MH745_D_MH742_DAE_117.jpg, VCR No.: 1
117FT, Deposits Attached Encrustation, 5% of cross sectional
area, at 08 o'clock, within 8 inches: YES



Photo: MH745_D_MH742_IW_251.8.jpg, VCR No.: 1
251.8FT, Infiltration Weeper, at 11 o'clock, within 8 inches:
YES



Photo: MH745_D_MH742_IS_252.3.jpg, VCR No.: 1
252.3FT, Infiltration Stain, at 03 o'clock, within 8 inches: YES



Photo: MH745_D_MH742_IS_325.1.jpg, VCR No.: 1
325.1FT, Infiltration Stain, at 02 o'clock, within 8 inches: YES

Inspection photos

City : Arlington County- VA	Street : N Quinn St	Date : 8/13/2019	Pipe Segment Reference : 6	Section No : 6
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Photo: MH745_D_MH742_CC_365.jpg, VCR No.: 1
 365FT, Crack Circumferential, from 08 to 05 o'clock, within 8 inches of joint: NO



Photo: MH745_D_MH742_IS_365.8.jpg, VCR No.: 1
 365.8FT, Infiltration Stain, at 02 o'clock, within 8 inches: YES



Photo: MH745_D_MH742_DAE_365.8.jpg, VCR No.: 1
 365.8FT, Deposits Attached Encrustation, 5% of cross sectional area, at 03 o'clock, within 8 inches: YES



Photo: MH745_D_MH742_DAE_369.4.jpg, VCR No.: 1
 369.4FT, Deposits Attached Encrustation, 5% of cross sectional area, at 11 o'clock, within 8 inches: YES

Inspection photos

City : Arlington County- VA	Street : N Quinn St	Date : 8/13/2019	Pipe Segment Reference : 6	Section No : 6
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Photo: MH745_D_MH742_DAE_376.7.jpg, VCR No.: 1
376.7FT, Deposits Attached Encrustation, 5% of cross sectional area, at 11 o'clock, within 8 inches: YES



Photo: MH745_D_MH742_DAE_396.4.jpg, VCR No.: 1
396.4FT, Deposits Attached Encrustation, 5% of cross sectional area, at 10 o'clock, within 8 inches: YES



Photo: MH745_D_MH742_SAVZ_406.6.jpg, VCR No.: 1
406.6FT, Surface Aggregate Visible Unknown, from 09 to 03 o'clock, within 8 inches: NO



Photo: MH745_D_MH742_AMH_412.3.jpg, VCR No.: 1
412.3FT, Manhole

Inspection Report

Date 8/14/2019	P/O. No.	Weather Dry	Surveyor's Name Kyle_G	Pipe Segment Reference 7	Section No. 7
Certificate No. U-916-07005449	Survey Customer	System Owner Arlington County	Preset :	Pre-Cleaning Heavy Cleaning	Sewer Category

Street I-66	Use of Sewer Sanitary	Upstream MH MH742
City Arlington County- VA	Drainage Area	Dowstream MH MH741
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Main Highway - Urban	Length surveyed 431.70 ft	Section Length 431.70 ft

Purpose of Survey Capital Improvement Program Assessment	Joint Length
Year Laid	Dia./Height 33 inch
Year Rehabilitated	Material Reinforced Concrete Pipe
Tape / Media No. 1	Lining Method

Add. Information :

1:1050 Position	Observation	Photo					
	<p>0.00 Water Level, 10% of cross sectional area</p> <p>0.00 Manhole</p> <p>4.60 S1 Surface Aggregate Visible Unknown, from 09 to 03 o'clock, within 8 inches: NO</p> <p>13.00 Infiltration Stain, at 04 o'clock, within 8 inches: YES</p> <p>147.10 Infiltration Stain, at 02 o'clock, within 8 inches: NO</p> <p>313.30 Infiltration Stain, at 01 o'clock, within 8 inches: YES</p> <p>336.00 Deposits Attached Encrustation, 5 %of cross sectional area, from 07 to 05 o'clock, , within 8 inches of joint: YES</p> <p>426.40 F1 Surface Aggregate Visible Unknown, from 09 to 03 o'clock, within 8 inches: NO</p> <p>431.70 Manhole</p>	<p>MH742_D_MH741_MWL_0.jpg</p> <p>MH742_D_MH741_AMH_0.jpg</p> <p>MH742_D_MH741_SAVZ_4.6.jpg</p> <p>MH742_D_MH741_IS_13.jpg</p> <p>MH742_D_MH741_IS_147.1.jpg</p> <p>MH742_D_MH741_IS_313.3.jpg</p> <p>MH742_D_MH741_DAE_336.jpg</p> <p>MH742_D_MH741_SAVZ_426.jpg</p> <p>MH742_D_MH741_AMH_431.7.jpg</p>					
QSR 3P00	QMR 2100	SPR 252	MPR 2	OPR 254	SPRI 3	MPRI 2	OPRI 2.99

Inspection photos

City : Arlington County- VA	Street : I-66	Date : 8/14/2019	Pipe Segment Reference : 7	Section No : 7
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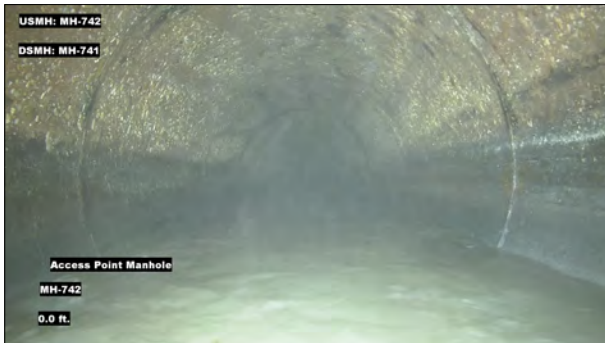


Photo: MH742_D_MH741_AMH_0.jpg, VCR No.: 1
 0FT, Manhole



Photo: MH742_D_MH741_MWL_0.jpg, VCR No.: 1
 0FT, Water Level, 10% of cross sectional area

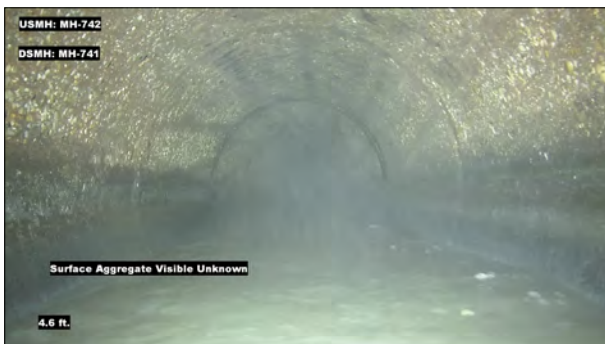


Photo: MH742_D_MH741_SAVZ_4.6.jpg, VCR No.: 1
 4.6FT, Surface Aggregate Visible Unknown, from 09 to 03
 o'clock, within 8 inches: NO



Photo: MH742_D_MH741_IS_13.jpg, VCR No.: 1
 13FT, Infiltration Stain, at 04 o'clock, within 8 inches: YES

Inspection photos

City : Arlington County- VA	Street : I-66	Date : 8/14/2019	Pipe Segment Reference : 7	Section No : 7
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Photo: MH742_D_MH741_IS_147.1.jpg, VCR No.: 1
 147.1FT, Infiltration Stain, at 02 o'clock, within 8 inches: NO

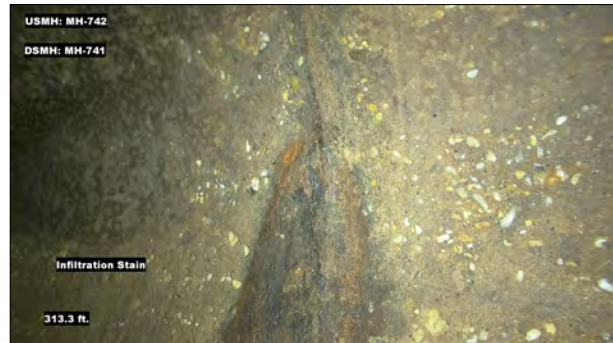


Photo: MH742_D_MH741_IS_313.3.jpg, VCR No.: 1
 313.3FT, Infiltration Stain, at 01 o'clock, within 8 inches: YES



Photo: MH742_D_MH741_DAE_336.jpg, VCR No.: 1
 336FT, Deposits Attached Encrustation, 5 %of cross sectional area, from 07 to 05 o'clock, , within 8 inches of joint: YES



Photo: MH742_D_MH741_SAVZ_426.4.jpg, VCR No.: 1
 426.4FT, Surface Aggregate Visible Unknown, from 09 to 03 o'clock, within 8 inches: NO

Inspection photos

City : Arlington County- VA	Street : I-66	Date : 8/14/2019	Pipe Segment Reference : 7	Section No : 7
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Photo: MH742_D_MH741_AMH_431.7.jpg, VCR No.: 1
431.7FT, Manhole

Inspection Report

Date 8/14/2019	P/O. No.	Weather Dry	Surveyor's Name Kyle_G	Pipe Segment Reference 8	Section No. 8
Certificate No. U-916-07005449	Survey Customer	System Owner Arlington County	Preset :	Pre-Cleaning Heavy Cleaning	Sewer Category

Street I-66	Use of Sewer Sanitary	Upstream MH MH741
City Arlington County- VA	Drainage Area	Dowstream MH MH740
Loc. details	Flow Control Not Controlled	Dir. of Survey Downstream
Location Code Main Highway - Urban	Length surveyed 494.40 ft	Section Length 494.40 ft

Purpose of Survey Capital Improvement Program Assessment	Joint Length 33 inch
Year Laid	Dia./Height Reinforced Concrete Pipe
Year Rehabilitated	Material
Tape / Media No. 1	Lining Method

Add. Information :

1:1200 Position	Observation	Photo					
	<p>Manhole</p> <p>Water Level, 10% of cross sectional area</p> <p>S1 Surface Aggregate Visible Unknown, from 08 to 04 o'clock, within 8 inches: YES</p> <p>Infiltration Runner, at 08 o'clock, within 8 inches: YES</p> <p>F1 Surface Aggregate Visible Unknown, from 08 to 04 o'clock, within 8 inches: NO</p> <p>Manhole</p>	<p>MH741_D_MH740_AMH_0.jpg</p> <p>MH741_D_MH740_MWL_0.jpg</p> <p>MH741_D_MH740_SAVZ_3.9.jpg</p> <p>MH741_D_MH740_IR_215.5.jpg</p> <p>MH741_D_MH740_SAVZ_494.4.jpg</p> <p>MH741_D_MH740_AMH_494.4.jpg</p>					
QSR	QMR	SPR	MPR	OPR	SPRI	MPRI	OPRI
3S00	4100	294	4	298	3	4	3.01

Inspection photos

City : Arlington County- VA	Street : I-66	Date : 8/14/2019	Pipe Segment Reference : 8	Section No : 8
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Photo: MH741_D_MH740_AMH_0.jpg, VCR No.: 1
 0FT, Manhole



Photo: MH741_D_MH740_MWL_0.jpg, VCR No.: 1
 0FT, Water Level, 10% of cross sectional area

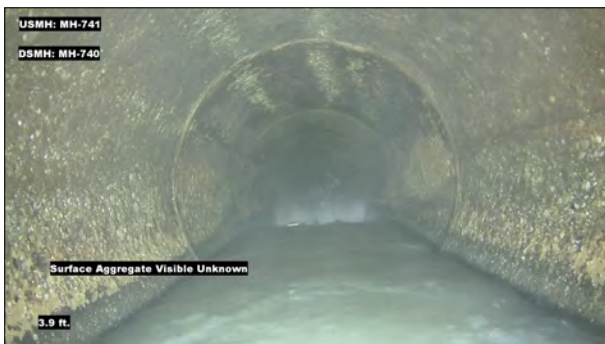


Photo: MH741_D_MH740_SAVZ_3.9.jpg, VCR No.: 1
 3.9FT, Surface Aggregate Visible Unknown, from 08 to 04
 o'clock, within 8 inches: YES

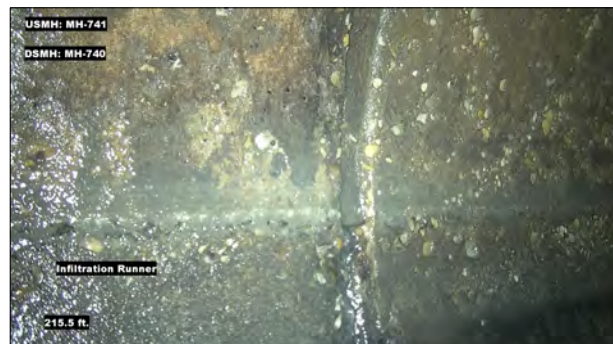


Photo: MH741_D_MH740_IR_215.5.jpg, VCR No.: 1
 215.5FT, Infiltration Runner, at 08 o'clock, within 8 inches: YES

Inspection photos

City : Arlington County- VA	Street : I-66	Date : 8/14/2019	Pipe Segment Reference : 8	Section No : 8
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Photo: MH741_D_MH740_SAVZ_494.4.jpg, VCR No.: 1
494.4FT, Surface Aggregate Visible Unknown, from 08 to 04
o'clock, within 8 inches: NO



Photo: MH741_D_MH740_AMH_494.4.jpg, VCR No.: 1
494.4FT, Manhole