

4046 Lateral replaced 8.18.17

Legend

- Sanitary Manhole
- Sanitary Sewer

Contract 1A - Sanitary Sewer Line Rehabilitation

- Line
- Burst

Lateral Rehabilitation

- Capped- Do Not Reinstale
- Replace
- Replace - Pavement
- Trim and Replace
- Trim and Replace - Pavement
- Trim - Do Not Reinstale
- Assist Owner to Verify
- Active - Replace if Active
- Verify Active - Pavement
- Existing PVC - Reconnect at Sewer Main
- Existing PVC - Pavement - Reconnect at Sewer Main

Contract 1B - Manhole Rehabilitation

- Install Water-Resistant F&C
- Reseal Existing Frame
- Install Standard F&C
- Seal Chimney
- Cementitiously Line Manhole
- Repair Crack/Holes in Wall
- Seal Pipe Connections
- Seal Wall/Bench Connection
- Repair Crack/Holes in Bench
- Install 8-inch Cleanout

Pipe Material Legend

- CP = Concrete Pipe
- VCP = Vitrified Clay Pipe

Manhole No.	Manhole Depth (ft)		
07A-3022.0	8.3	6.8	6.00
07A-3067.0	8.3	6.44	6.67
07A-3067.5		4.6	
07A-3068.0		6.5	
07A-3069.0	8.3	5.94	7.17
07A-4083.0	8.3	6	6.08
07A-4085.0	8.3	6.68	6.67

Lateral coming in at top of pipe.
4.5-foot stone retaining wall, steep hill.

Contractor to remove and replace existing redwood fence.
Not re-hab'd. (Inaccessible)

Note: Overhead Powerlines.

Ex. Lateral left as is due to wall
Ex. lateral left as is. TV shows in good shape.

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CIA

WESTERN VIRGINIA WATER AUTHORITY

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ROANOKE, VIRGINIA

Recorded 3.29.17
Disc 1, side A(?) B, & Disc 2
71, 70, 69, 68 have holes in lid.

COMMONWEALTH OF VIRGINIA
DOUGLAS B. HUDGINS
Lic. No. 034694
10/07/16
PROFESSIONAL ENGINEER
So do 67 & 22.

THIS IS A CERTIFICATE OF THE PROFESSIONAL ENGINEER, DOUGLAS B. HUDGINS, LICENSE NO. 034694, STATE OF VIRGINIA, THAT THE DRAWING IS A TRUE AND CORRECT REPRESENTATION OF THE WORK DONE BY HIMSELF OR HIS FIRM, AND THAT HE IS NOT PROVIDING ANY OTHER SERVICE TO THE PROJECT.

No.	Submittal/Revision	App'd.	By	Date
-	Bid Issue	DBH	KJV	10/07/16
A	50% Submission	DBH	KJV	05/12/16

Did not camera 85 & 83.
CONTRACT 1 -
2016 SANITARY SEWER REHABILITATION

Some lining done 5.15.17
(3071-3070, 3070-3069)
High Acres Road
Remainder completed

Designed By:	Project No:	Drawing No.:
KJV	31237	C-117

Drawn By:	Scale:
KJV	AS SHOWN

Checked By:	Issue Date:
DBH	October 2016

5.22-5.24.17

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