

### Legend

- Sanitary Manhole
- Sanitary Sewer
- Contract 1A - Sanitary Sewer Line Rehabilitation**
- Sanitary Sewer 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

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**CHWA**

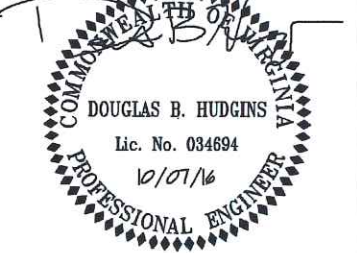


WESTERN VIRGINIA  
WATER AUTHORITY

WESTERN VIRGINIA  
WATER AUTHORITY

ROANOKE, VIRGINIA  
All lids have holes  
in them.

Taped 4.4.17  
Disc 2 Side B



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No.	Submittal/Revision	App'd.	By	Date
5				
-	Bid Issue	DBH	KJV	10/07/16
A	50% Submission	DBH	KJV	05/12/16

CONTRACT 1 -  
2016 SANITARY SEWER REHABILITATION

Manhole Rehabilitation

Designed By: KJV	Project No: 31237	Drawing No.: <b>C-106</b>
Drawn By: KJV	Scale: AS SHOWN	
Checked By: DBH	Issue Date: October 2016	