

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
- Cementitious Line Manhole
- ✱ Repair Crack/Holes in Wall
- ✱ Seal Pipe Connections
- ✱ Seal Wall/Bench Connection
- ✱ Repair Crack/Holes in Bench
- ★ Install 8-inch Cleanout

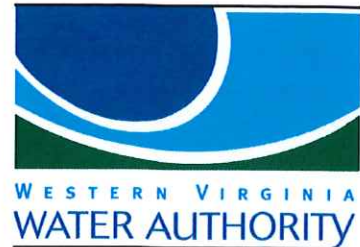
Pipe Material Legend

CP = Concrete Pipe
VCP = Vitrified Clay Pipe

**TRAFFIC CONTROL REQUIRED ON ORANGE AVENUE.
NIGHT TIME WORK WILL BE REQUIRED.
SUBMIT TRAFFIC CONTROL PLAN TO CITY FOR APPROVAL WITH PERMIT.**

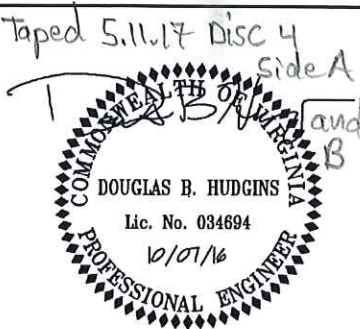
Manhole No.	Manhole Depth (ft)
12A-3464.0	6.5
12A-3465.0	4.48

SUE



WESTERN VIRGINIA
WATER AUTHORITY

ROANOKE, VIRGINIA
3465 - has holes in lid
3464 - " " "



THIS IS A VITALITY OF THE PEOPLE OF THE STATE OF VIRGINIA. IT IS THE DUTY OF THE ENGINEER TO PROTECT THE PUBLIC INTEREST AND TO MAINTAIN THE HIGHEST STANDARD OF PROFESSIONAL CONDUCT. THE ENGINEER SHALL NOT BE PERMITTED TO ENGAGE IN ANY ACT OF DISHONESTY OR IN ANY ACT OF NEGLIGENCE OR IN ANY ACT OF UNLAWFUL CONDUCT. THE ENGINEER SHALL NOT BE PERMITTED TO ENGAGE IN ANY ACT OF UNLAWFUL CONDUCT. THE ENGINEER SHALL NOT BE PERMITTED TO ENGAGE IN ANY ACT OF UNLAWFUL CONDUCT.

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

CONTRACT 1 -
2016 SANITARY SEWER REHABILITATION

Completed 6.6.17
Orange Avenue 6.7.17

Designed By: KJV	Project No: 31237	Drawing No.:
Drawn By: KJV	Scale: AS SHOWN	C-122
Checked By: DBH	Issue Date: October 2016	