

08-04

**ROGERS WATER UTILITIES SEWER SYSTEM
ROGERS, ARKANSAS**

**SPECIFICATIONS FOR SANITARY
SEWER MAIN TELEVISION INSPECTION
FEBRUARY 2006**

1. **SCOPE**

This specification governs the internal inspection of the sanitary sewer mains by a television camera. The purpose of the inspection is to locate misaligned or sagging sewer pipes and sewer pipe defects that are present in the sanitary sewer mains.

2. **GENERAL REQUIREMENTS**

- a. The television inspection shall be performed at a minimum of 30 days after the sanitary sewer mains have been constructed and the trench has been completely backfilled.
- b. All sanitary sewer mains must have passed the low-pressure air test and the sanitary sewer manholes must have passed the vacuum testing process prior to the television inspection.
- c. The Contractor shall remove all debris, soil and rocks from the sanitary sewer mains and manholes prior to the television inspection by a cleaning ball, high velocity jet, cleaning mandrel or other means.
- d. The television inspection of sanitary sewer mains shall be performed by RWU or by a television inspection service that is approved by RWU. The cost of independent television service will be at the expense of the Contractor.
- e. The Contractor must flush all sanitary sewer mains within 24 hours of the television inspection.
- f. If the Contractor selects to use the RWU television inspection, the Contractor must schedule the television inspection with RWU personnel and the initial television inspection will be performed at no charge to Contractor. If RWU television inspection crew is scheduled and is unable to complete the inspection, due to debris in the sewer pipe, buried or inaccessible manholes or other causes attributable to lack of preparation by the Contractor, the RWU mobilization fee for television inspection will be billed to the Contractor.

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- g. The television inspection of sanitary sewer mains may be performed prior to the 30 day wait (settling) period. If the Contractor elects to use the RWU television inspection, the Contractor must submit a written request to RWU for television inspection prior to the 30 day wait (settling) period. The cost of the television inspection will be billed to the Contractor.

3. FAILURE OF SANITARY SEWER MAIN

Defects shall include damaged pipe or service wye, leaking joints, misaligned or sagging pipe, bowed pipe sections, deflected pipe, cracked/defected pipe, pipe joints not fully seated, sewer wyes at other positions than 2:00 and 10:00 o'clock, improperly installed gaskets or other abnormalities not in conformance with the specifications. Upon completion of the sanitary sewer main repairs and the completion of the trench backfill, the Contractor must reschedule the television inspection. The Engineer must witness the sewer main repair and backfill operation. The cost of the sanitary sewer main repair and backfill is incidental to the cost of the project. *The re-testing of the repaired section of the sanitary sewer main(s) by the low-pressure air test is required unless waived by RWU.* The cost of re-television inspection of the previous failed section of the sanitary sewer main(s) will be billed to the Contractor.

4. ACCEPTANCE

The sanitary sewer mains have passed the television inspection if no defects and misaligned or sagging sewer pipes are noted by television inspection. The camera inspection logs of the sanitary sewer mains that are performed by RWU will be furnished to the Contractor and Engineer. If an independent television service is used, RWU must approve the results of the television inspection prior to distribution of the camera inspection logs to the Contractor, Engineer and RWU.

RWU may televise the sewer mains prior to the expiration of the one-year warranty. If any defects are discovered, the Contractor shall be notified and shall correct the work in a manner approved by RWU.