

San Antonio Water System Standard Specification

ITEM NO. 1114 Pre- And Post Construction Video

1114.1 DESCRIPTION The Contractor shall furnish all labor, materials, equipment, and incidentals to provide the televising in SAWS and recorded in MPEG-1 format. All inspections shall be in accordance with SAWS requirements shall be submitted and uploaded onto SAWS Contracting and Project Management System (CPMS) or SAWS most current program management system. All digital video files shall be color, closed-circuit TV in MPEG-1 format. The contractor shall provide all inspection data written to a single storage device

1114.2 REFERENCED STANDARDS: Reference standards cited in this Specification Item No. 1114 refer to the current reference standard published at the time of the latest revision date logged at the end of this Specification Item No. 814, unless a date is specifically cited.

1. San Antonio Water System (SAWS):
 - a. Specifications for Water and Sanitary Sewer Construction
 - b. SAWS Materials Specifications
2. COSA – City of San Antonio:
 - a. Utility Excavation Criteria Manual.
 - b. City of San Antonio (COSA) Specifications for Construction
3. Texas Commission of Environmental Quality (TCEQ)
 - a. Chapter 217 Design Criteria for Domestic Wastewater Systems
 - b. Chapter 213 (“Edwards Aquifer Recharge Zone”)

1114.3 SUBMITTALS: All submittals shall be in accordance with most recent version of SAWS’s General Conditions requirements. Submit the following prior to performing any work.

- a. Certifications: Per General Conditions section 5.12.2 all Contractor submittals for all pipe and other products or materials furnished under this specification shall be marked as reviewed and approved by Contractor for compliance with Contract Documents and the referenced standards
- b. Contractor is to coordinate the pre-video procedures with the Inspector prior to commencement of any work, including mobilization and preparation of right-of-way effort.
- c. The Contractor shall provide a diagram and identify the limits of the project area and video the condition of all existing surface features within the project limits including adjoining ROW features such as curbing, sidewalk, fencing, mailboxes, driveways, and trees and shrubs/grass.
- d. Contractor shall provide a copy of the pre-construction video prior to commencement of the project by identifying the condition of all existing surface features within the project limits, including adjoining right-of-way features such as curbing, sidewalk, fencing, mailboxes, driveways, and trees/shrubs/grass

San Antonio Water System Standard Specification

- e. Database shall be submitted and uploaded onto SAWS CPMS or SAWS most current program management system
- f. Log of the televised system for review shall be uploaded for review and approval by the Inspector.
- g. Contractor to provide a pre and also maybe requested to provide a post construction video upon request.
- h. Contractor is to coordinate the post-video procedures with the Inspector at completion of the project, and prior to close out.

1114.4 EQUIPMENT:

- 1. Equipment:
 - a. The television unit shall have capability of displaying in color, on the video, surfacefeature locations, and any other relevant physical attributes.
 - i. Each video shall be permanently labeled with the following:
 - ii. Project name / SAWS Job # / Work Order #;
 - iii. Date of television inspection;
 - iv. Street/easement location;
 - v. Name of Contractor;
 - vi. Date video submitted;
 - vii. Video number;
 - viii. SAWS Inspector Name.
- The Contractor shall be required to have all materials, equipment, and labor force necessary to complete all videotaping on the job site prior to beginning videotaping operations.
- 2. If the Contractor provides a video of such poor quality that it cannot be properly evaluated, the Contractor shall re-televises as necessary and provide a video of good quality at no additional cost to SAWS.
 - 3. If the Contractor cannot provide a video of such good quality that can be reviewed by SAWS, SAWS may elect to televise the site at the Contractor's expense.
 - 4. Equipment:
 - 5. Television inspection shall be done one area at a time.

1114.5 MATERIALS: All videos shall be a SAWS compliant database, recorded in MPEG-1 format and uploaded onto SAWS Contracting and Project Management System (CPMS) or most current acceptable media. The video shall include good sound quality; identification of area being videoed, to include cross streets references, addresses, time and date. Each video shall be marked with the name and contract number, name of Contractor, and a description and location of view being recorded.

1114.6 EXECUTION: Prior to beginning the project, the contractor shall submit one copy of the completed video for the entire project prior to submission of request for mobilization for review and approval. Failure to submit video will result in denial of

San Antonio Water System Standard Specification

any request for payment under the Mobilization line item or Preparation of Right-of-Way.

- a. If requested by SAWS Inspector, post construction video shall be submitted prior to project closeout concurrent with project redlines.
- b. Failure to submit video will result in denial of request for payment.

1114.7 MEASUREMENT: There will be no measurement for payment of the Pre-Construction Video or post construction video, as specified herein.

1114.8 PAYMENT: No direct payment shall be made of any incidental costs associated with preparing and submitting the Pre-Construction Video or post construction, as specified herein. Contractor is responsible for any features damaged.

End of Specification