

**SPECIFICATIONS - DETAILED PROVISIONS**  
**Section 01381 - Pre-Construction Audio Video Recording**  
**Above Ground Facilities**

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**SECTION 01381  
PRE-CONSTRUCTION AUDIO VIDEO RECORDING  
ABOVE GROUND FACILITIES**

**PART 1 - GENERAL**

**1.01 SCOPE OF WORK**

- A. Furnish all labor, materials and equipment to furnish color audio video recording of the project site as specified herein.
- B. Furnish to the DISTRICT an original and one copy of a continuous color audio video recording of the entire area within fifty (50) feet of the construction area. The recording shall be taken prior to any construction activity.
- C. The DISTRICT reserves the right to reject the audio video recording because of poor quality, unintelligible audio, or uncontrolled pan or zoom. Any recording rejected by the DISTRICT shall be rerecorded at no cost to the DISTRICT. Under no circumstances shall construction begin until the DISTRICT has received and accepted the audio video DVD(s).
- D. The recording shall be performed by a qualified, established audio video recording firm knowledgeable in construction practices which has a minimum of one year of experience in the implementation of established inspection procedures.
- E. The audio video recording firm shall submit three letters of recommendation from municipalities, and/or engineering firms indicating previous experience and ability to perform the work described in this contract. Data substantiating qualifications must be submitted and accepted prior to performing the survey.

**PART 2 - PRODUCTS**

(NONE THIS SECTION)

**PART 3 - EXECUTION**

**3.01 COLOR AUDIO VIDEO SURVEY**

- A. Furnish a continuous color audio-video recording of the entire area within fifty (50) feet of construction.

- B. Complete coverage shall include all surface features within 50' of the work area to be utilized by CONTRACTOR and shall be supported by appropriate audio description made simultaneously with video coverage. Such coverage shall include, but not be limited to, all existing driveways, sidewalks, curbs, ditches, roadways, landscaping, trees, culverts, headwalls, and retaining walls, equipment, structures, pavements, manholes, vaults, handrails, etc. located within the aforementioned work zone. Video coverage shall extend to the maximum height of all structures within this zone.
- C. All recording shall be done during times of good visibility. No recording shall be done during periods of visible precipitation, or when more than ten percent of the ground area is covered with standing water, unless otherwise authorized by Owner.

### 3.02 AUDIO AND VIDEO

- A. Contractor shall furnish continuous color, audio-video DVD(s) of professional quality.
- B. Each DVD shall begin with the Owner's name, Contract name and number, CONTRACTOR's name, date and location information such as street name, direction of travel, viewing side, etc.
- C. Information appearing on the DVD must be continuous and run simultaneously by computer generated transparent digital information. No editing or overlaying of information at a later date will be acceptable.
- D. Digital information to appear in the upper left corner shall be as follows:
  - 1. Name of CONTRACTOR
  - 2. Day, date and time
  - 3. Name of Project & Specification Number
- E. Time must be accurate and continuously generated.
- F. Written documentation must coincide with the information on the DVD so as to make easy retrieval of locations sought for at a later date.
- G. The video system shall have the capability to transfer individual frames of video electronically into hard copy prints or photographic negatives.
- H. Audio shall be recorded at the same time as the video recording and shall have the same information as on the viewing screen. Special commentary shall be given for unusual conditions of buildings, sidewalks and curbing, foundations, trees and shrubbery, structures, equipment, pavement, etc.

- I. All DVDs and boxes shall bear labels with the following information:
  1. DVD Number
  2. Owner's Name
  3. Date of Recording
  4. Project Name and Number
  5. Location and Standing Limit of DVD
  
- J. Prior to commencement of audio video recording, CONTRACTOR shall notify the Engineer in writing when and where the audio video recording will begin. The Engineer may provide a designated representative to accompany and oversee coverage of all recording operations. Audio video recording completed without an Engineering representative present will be unacceptable unless specifically authorized by the Engineer.

**END OF SECTION 01381**

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