

**SPECIFICATIONS - DETAILED PROVISIONS**  
**Section 01380 - Pre-Construction Audio Video Recording**  
**Pipelines and Roadways**

**C O N T E N T S**

<b>PART 1 - GENERAL</b> .....	<b>1</b>
1.01 SCOPE OF WORK .....	1
<b>PART 2 - PRODUCTS</b> .....	<b>1</b>
<b>PART 3 - EXECUTION</b> .....	<b>1</b>
3.01 COLOR AUDIO VIDEO SURVEY .....	1
3.02 AUDIO AND VIDEO .....	2



**SECTION 01380**  
**PRE-CONSTRUCTION AUDIO VIDEO RECORDING**  
**PIPELINES AND ROADWAYS**

**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. Utilizing a compatible format (ie: MP4), upload into CIPO a continuous color audio video recording along the entire route of the proposed pipeline. 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 audio video recording rejected by the District shall be redone at no cost to the District. Under no circumstances shall construction begin until the District has received and accepted the audio video(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. Upload into CIPO a continuous color audio-video recording along the entire route of the proposed pipeline.

- B. Complete coverage shall include all surface features located within the public right-of-way, easement areas, and adjacent private properties covering the extent of the R/W to be utilized by the Contractor of each side of the pipeline centerline and will 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 including viaducts, landscaping, trees, culverts, headwalls, and retaining walls, and buildings located within the R/W strip. 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 upload continuous color, audio-video(s) of professional quality.
- B. Each audio-video 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 audio-video 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 will be as follows:
  - 1. Upper left corner
    - a) Name of Contractor
    - b) Day, date and time
    - c) Name of Project
  - 2. Lower left corner
    - a) Route of travel
    - b) Viewing side
    - c) Direction of travel
    - d) Stationing
- E. Time must be accurate and continuously generated.

- F. Engineering station numbers must be continuous, be accurate and correspond to project stationing. The symbols should be the standard engineering symbols (i.e. 16+64).
- G. Written documentation must coincide with the information on the audio-video so as to make easy retrieval of locations sought for at a later date.
- H. The video system shall have the capability to transfer individual frames of video electronically into hard copy prints.
- I. 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 will be given for unusual conditions of buildings, sidewalks and curbing, foundations, trees and shrubbery, etc.
- J. All audio-video shall bare labels with the following information:
  - 1. Recording Number
  - 2. Owner's Name
  - 3. Date of Recording
  - 4. Project Name and Number
  - 5. Location and Standing Limit of audio-video
- K. Prior to commencement of audio video recording, the 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 01380**

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