

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

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

PART 1 - GENERAL

1.01 SCOPE OF WORK

- A. Furnish all labor, materials and equipment to furnish color audio video taping of the project site as specified herein.
- B. Furnish to the District an original and one copy of a continuous color audio video tape 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 taping because of poor quality, unintelligible audio, or uncontrolled pan or zoom. Any taping rejected by the District shall be retaped at no cost to the District. Under no circumstances shall construction begin until the District has received and accepted the audio video tape(s).
- D. The taping shall be performed by a qualified, established audio video taping 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 taping 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 tape recording along the entire route of the proposed pipeline.

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- 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 taping shall be done during times of good visibility. No taping 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. Audio video cassettes shall be professional grade video tapes, one-half inch, standard VHS format.
- B. Each tape 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 tape 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 tape 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 or photographic negatives.
- 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 tapes and boxes shall bare labels with the following information:
 - 1. Tape Number
 - 2. Owner's Name
 - 3. Date of Taping
 - 4. Project Name and Number
 - 5. Location and Standing Limit of Tape
- K. Prior to commencement of audio video taping, the contractor shall notify the Engineer in writing when and where the audio video taping will begin. The Engineer may provide a designated representative to accompany and oversee coverage of all taping operations. Audio video taping completed without an Engineering representative present will be unacceptable unless specifically authorized by the Engineer.

END OF SECTION 01380

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