

SECTION 01380

PRE- AND POST-CONSTRUCTION VIDEO PHOTOGRAPHY

PART 1. GENERAL

1.1 SCOPE OF WORK

Furnish all labor, materials, equipment, and incidentals required to video tape all construction areas within the project area, as shown on the Drawings and specified herein, prior to any construction activity and after all construction work is complete.

1.2 QUALIFICATIONS

- A. The video photography shall be performed by a competent camera operator who is fully experienced and qualified with the specified equipment and knowledge of the specific type of construction being performed.
- B. The audio shall be performed by the camera operator during the recording process.

1.3 COST OF THE PHOTOGRAPHY

The cost of the video photography shall be compensated for as a lump sum pay item for all requirements specified herein.

1.4 AUDIO-VISUAL TAPES

- A. Tape recordings shall not be made more than 60 days prior to construction or after substantial completion. No construction shall begin prior to the Engineer's review and approval of the tapes covering the construction area. The Engineer shall have the authority to reject all or any portion of the video tape not conforming to the specifications and request that the video taping process be re-performed at no additional cost to the Owner. The Contractor shall reschedule unacceptable coverage within five (5) days of being notified as such. The Engineer shall designate those areas, if any, to be omitted from or added to the audio-video coverage. All tapes and written records shall be immediately submitted to and become property of the Owner.
- B. The Contractor shall engage the services of a professional video photographer. The color audio-visual tapes shall be prepared by a responsible commercial firm regularly engaged in the business of color audio-video tape documentation. The names and addresses of two (2) references that the firm has performed color audio-video taping for projects similar in nature, including one (1) in the past twelve (12) months, shall be submitted.



PART 2. PRODUCTS

2.1 TAPE

The tape shall be of professional quality, VHS format or CD

2.2 AUDIO-VISUAL RECORDING

The audio-visual system and the procedures employed in its use shall be such as to produce a finished product that will meet professional standards. The video portion of the recording shall be bright, sharp, clear pictures with accurate colors and shall be free from distortion or any other form of picture imperfection. All video recordings shall by electronic means display on the screen the time of day, the month, day and year of the recording. The time and date information must be continuously and simultaneously generated with the actual recording. The audio portion of the recording added later shall be of high clarity and free from distortion.

PART 3. EXECUTION

3.1 VIDEO RECORDING

- A. The recordings shall contain coverage of all visible features within the construction zone being affected by the Work. These features shall include, but not be limited to, all roadways, pavement, retention ponds, railroad tracks, curbs, driveways, sidewalks, culverts, head-walls, retaining walls, landscaping, trees, fences, drainage ditches, creeks, streams, visible utilities, structures, and buildings. Of particular concern shall be the condition of existing vegetation, terrain, and structures and the existence or non-existence of any faults, fractures or defects. Panning, zoom-in and zoom out rates shall be sufficiently controlled to maintain a clear view of the subjects.
- B. The Engineer may accompany the photographer and designate the views to be photographed. In general, the views will comprise a 360 degree panorama every five hundred (500) feet of sewer length plus specifically designated close-up views.

3.2 FINAL PRODUCT

- A. The final product shall be two sets of fully edited, audio/video tapes. One set will be pre-construction and one set will be post-substantial completion.
- B. Three (3) copies of each set shall be delivered to the Engineer

END OF SECTION

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