

SECTION 01380**CONSTRUCTION VIDEO RECORDING AND PHOTOGRAPHS****PART 1 GENERAL****1.01 SUMMARY**

- A. This Section specifies the requirements for construction documentation using still photography and video.

1.02 RELATED SECTIONS

- A. Section 01300 – Submittals.

1.03 CODES AND STANDARDS

- A. International Press Telecommunications Council (IPTC) Photo Metadata Standard, latest edition.

1.04 SUBMITTALS

- A. Submit the following in accordance with Section 01300 - Submittals:
 - 1. Evidence that the construction photographer possesses the experience and qualifications specified herein, including references and certifications.
 - 2. Five (5) different samples of construction photographer's photographs on past construction projects.
 - 3. One (1) sample video in .mp4 format recorded by the construction photographer.
 - 4. Pre-construction and post-construction videos and photographs on CD/DVD or USB flash drive.
 - 5. Monthly progress photographs in hardcopy and on CD/DVD or USB flash drive.

1.05 QUALITY ASSURANCE

- A. The construction photographer shall have a minimum of two (2) years of construction photography experience using IPTC Standards within the most recent four (4) years.
- B. Provide all necessary equipment to comply with the requirements specified in this Section.

PART 2 PRODUCTS**2.01 DIGITAL FILE REQUIREMENTS**

- A. .jpg format only
- B. File naming: Do not use duplicate file names
 - 1. File Name: MWTP_8086_YYYYMMDD_CameraImageNo.jpg
 - a. MWTP: 3-4 letter acronym for project
 - b. 8086: Contract number
 - c. YYYYMMDD: Date taken
 - d. CameraImageNo.jpg: Number assigned by camera
- C. Minimum resolution: 300dpi
- D. Image size: 8 Megapixels, $\pm$ 1 Megapixel
- E. Image Quality: Fine
- F. Output size: 8x10-inch
- G. Date and time set in camera shall be accurate.
- H. Use IPTC (International Press Telecommunications Council) Photo Metadata Standards, fields; description tab; and description. Fill in description writer and keywords fields with: image, site, and all project specific information using Photoshop or equivalent. A list of suggested keywords will be supplied.

2.02 VIDEO REQUIREMENTS

- A. Format: MPEG-4 (.mp4) only
- B. Store video files on separate media from photographs.

PART 3 EXECUTION**3.01 REQUIREMENTS**

- A. Notify the Authority five (5) days in advance of any photographic sessions.
- B. Coordinate with the Authority on what views are to be taken.
- C. Take some shots consecutively from a variety of selected locations at each visit to show

progress when images are shown in secession.

- D. Contain a general reference in broad views that is easily recognizable to provide scale and position on site (i.e., people, equipment, landmarks).
- E. Close shots shall have similar references for scale (i.e., ruler, coin or tool).
- F. Take color photographs at site locations chosen by the Authority.
 - 1. Prior to commencement of work on site: three hundred (300) photographs in one (1) submission.
 - 2. During construction: forty (40) photographs submitted monthly with application for, and as a condition of, progress payments.
 - 3. At completion of project: three hundred (300) photographs in one (1) submission.
- G. Record thirty (30) minutes minimum of video documentation which demonstrates pre-construction conditions of the proposed work zones, and within one hundred (100) feet of each of the work zones. Take video and submit prior to any activity commencing onsite. This video shall be in addition to and may be used as a supplement to the requirements of Section 01390 – Condition Survey.
- H. Record thirty (30) minutes minimum of post-construction video documentation which demonstrates post-construction conditions of each work zone, and within one hundred (100) feet of each of the work zones as practicable. Take video and submit prior to Final Completion being granted. This video shall be in addition to and may be used as a supplement to the requirements of Section 01390 – Condition Surveys.

3.02 REVIEW OF SUBMITTALS

- A. Submittals will be reviewed by the Authority.
- B. Final acceptance of photographer's products will be determined by the Authority.

**** END OF SECTION ****