

SECTION 01 32 33
PHOTO DOCUMENTATION

PART 1 GENERAL

1.1 SUMMARY

- A. Section includes administrative and procedural requirements for:
 - 1. Existing condition images.
 - 2. Periodic construction images.
- B. See Section 01 77 00, Closeout Procedures, for a complete listing of closeout documents.
- C. See Section 01 79 00, Demonstration and Training, for submitting videotapes of demonstration of equipment and training of National Park Service (NPS) personnel.

1.2 SUBMITTALS

- A. Construction Images:
 - 1. Submit images electronically within 7 days of taking the image. Include:
 - a. Date, time, and number (sequentially number all images) in filename.
 - b. Description of vantage point, indicating location, direction (by compass point), and elevation or story of construction.
 - c. Submit digital images exactly as originally recorded in digital camera, without alteration, or modifications using image-editing software.
- B. Closeout: Submit complete set of digital image electronic files as a Project Record Document. Submit via the Project Website or as directed by Contract Officer.
 - 1. Provide index as separate file. List each image as a file name with number, date, and time. Include description and or vantage point image was taken.
 - 2. Submit images that have the same aspect ratio as the sensor, un-cropped.

PART 2 PRODUCTS

2.1 FORMAT REQUIREMENTS

- A. Media: DVD-R Archival Gold.
- B. Media Labels: Archival DVD labeling markers, archival labels, or direct print.

- C. Images: Provide sRGB (standard Red Green Blue) color images in JPEG (Joint Photographic Experts Group) format. Minimum sensor size of 8 megapixels, and at image resolution of not less than 3,200 by 2,400, and 300 dpi (dots per inch).
- D. Video: Provide video in WMV or MOV format, produced by a digital video recorder with a 1,920 by 1,080 resolution. Video disc shall be DVD optical.

PART 3 EXECUTION

3.1 CONSTRUCTION IMAGES

- A. General: Take digital images using the maximum range of depth of field, in-focus, to clearly show the Work. No blurry or out-of-focus areas accepted.
 - 1. Maintain index with each set of Construction images and identify the number, date, time, and description for each.
 - 2. Maintain one set of images accessible in field office at Project Site available for reference.
 - 3. Video recordings shall include a complete, clearly spoken narration of the events being photographed. Also, video recordings and photos shall include an unobtrusive time and date indicator, accurately depicting the time and date when the photography was performed.
- B. Existing Condition Images: Before commencement of excavation, take color digital images of Project Site and surrounding properties, including existing items to remain during construction, from different vantage points.
 - 1. Flag construction limits before recording construction images.
 - 2. Take eight separate images to show existing conditions adjacent to property before starting Work.
 - 3. Take eight separate images of existing buildings either on or adjoining property to accurately record physical conditions at start of construction.
- C. Periodic Construction Images: Take 25 (minimum) color, digital images weekly. Select vantage points to show status of construction and progress since last images were taken.
- D. Additional Images: Contracting Officer may issue requests for additional images.
 - 1. Three days advance, where feasible.
 - 2. In emergency situations, take additional images within 8 hours of request.

3. Additional images include, but are not limited to:
 - a. Immediate follow-up when on-site events result in construction damage or losses.
 - b. Fabrication locations away from Project Site.
 - c. Substantial Completion of a major phase or component of Work.
 - d. Extra record images at time of final acceptance.

END OF SECTION

