



## MINIMAL BASIC SPEC WORDING

for PLAN SHEET LINKING\* of PHOTOS/VIDEOS;

**P-Tn LINKINGapp\*** All-Digital Delivery System or "APPROVED EQUAL" – [WATCH TUTORIAL VIDEO](#)

Here's a start;

MINIMAL SPEC WORDING RECOMMENDATIONS for a **PHOTO/VIDEO NAVIGATION SYSTEM**.

- **Photographic images shall be captured with minimum 8-megapixel resolution, and delivered in JPG or PDF format, without image manipulation or loss of detail through compression.**
- **Video capture shall be in Full-1080dpi HI-DEF original camera file format, or mp4 format, with minimal loss of detail through compression.**
- **This record, plus additional photos/videos of construction progress, or POST-Construction conditions, shall be linked to the plan sheets and an updated DVD-ROM or USB drive shall be provided with each update.**
- **All required PHOTO/VIDEO documentation, plus additional photos/videos of construction progress, or POST-Construction conditions, shall be linked to the plan sheets and provided initially on TWO (2) USB drives, and updated DVD-ROM or USB drives shall be provided with each update.**
- **The contractor shall provide an ELECTRONIC PHOTO & VIDEO NAVIGATION SYSTEM\* for searching and viewing recorded documentation imagery. The SYSTEM shall indicate the general location of each area photographed, or video recorded, using ICONS and other suitable mark-ups on the actual construction drawings (or other electronic documents), all in PDF-format. ICONS shall be individually positioned and hyperlinked to each respective photograph, video recording segment, indicating location and direction (or area) viewed.**
- **The SYSTEM shall function using standard PDF-reader software (such as FREE Adobe Reader or Bluebeam VU ... or Adobe Acrobat or Bluebeam REVU purchased software). VIDEO shall open for audio-video playback in Windows Media Player, VLC, or other current (FREE) players.**
- **\*APPROVED SYSTEM is the LINKINGapp All-Digital Delivery System by P-Tn of Overland Park, KS., or an approved equal.**

**ALWAYS REQUIRE a PROFESSIONAL!** The QUALITY will be HIGH, but the COST will NOT.

A qualified, established commercial photography firm knowledgeable in construction practices and with a minimum of 5-years experience in photographic and audio/video recording of construction projects shall perform the documentation. If requested, the photographer/videographer shall provide examples of prior work and/or references. APPROVED supplier; P-Tn of Overland Park, KS, or an approved equal (leave this line out, if you prefer, but we are named in some specifications).

## MINIMAL BASIC SPEC WORDING

for PHOTO/VIDEO DOCUMENTATION REQUIREMENTS;

- **Photographic images shall be captured with minimum 8-megapixel resolution, and delivered in JPG or PDF format, without image manipulation or loss of detail through compression.**
- **Video capture shall be in Full-1080dpi HI-DEF original camera file format, or mp4 format, with minimal loss of detail through compression.**

- Provide an **ELECTRONIC PHOTO & VIDEO NAVIGATION SYSTEM\*** for searching and viewing recorded documentation imagery. This documentation record shall link all **PHOTOS/VIDEOS** to the original plan sheets and updated as needed.
- **\*APPROVED SYSTEM** is the **LINKINGapp All-Digital Delivery System** by P-Tn of Overland Park, KS., or an approved equal.

**PRE-Construction for PIPELINES / STREET IMPROVEMENTS -**

Prior to clearing or construction operations, photograph (or record on HD video) the entire (pipeline or street) project route, including all improvements within the construction areas. Digitally link all photographs (or video recording segments) to a set of pdf-format plan sheets, indicating the location and direction of each view (or video). Deliver PRE-Construction documentation record on labeled DVD-ROM or external USB drive. These same general areas shall be documented after completion of construction operations, to show restoration of affected properties.

**PRE-Construction for EXISTING BUILDINGS / STRUCTURES -**

Prior to demolition or commencement of construction, photograph (or record on HD video) all interior walls and ceilings [plus floors] to document existing condition of all interior features within the construction areas. Digitally link all photographs (or video recording segments) to a set of pdf-format plan sheets, indicating the location and direction of each view (or video). Deliver PRE-Construction documentation record on labeled DVD-ROM or external USB drive. After final inspection, but prior to concealment with drywall or ceiling tile, photograph all wall and ceiling areas to show the location of M-E-P [mechanical - electrical - plumbing] installations.

**Construction PROGRESS -**

A monthly\*\* visit to the construction site shall be made for photography of FIFTEEN (15) views of the site and activities, as directed by the superintendent or field representative. Digitally link all photographs to a set of DATED pdf-format plan sheets, indicating the location and direction of each view. Deliver periodic\*\* PROGRESS documentation record on labeled DVD-ROM or external USB drive. NO prints will be required.

**ALSO CONSIDER ... P-Tn Reps & SELLS iPlanTables – DNL D CATALOG - [LINK](#)  
 AERIAL PROGRESS or 2D3D SITE MAPPING via UAS-DRONE - [LINK](#)  
 ProgressWEBCAM Online Site Monitoring of EXTERIOR or INTERIOR  
 and SecurityCAM Monitoring of Field Office & Equipment - [LINK](#)  
 PRE-Occupancy PHOTOS of the entire building or structure  
 VIDEO RECORDING of Bldg Owner Training Sessions - [LINK](#)  
 ProgressWEBCAM Time-lapse Construction Video - [LINK](#)  
 FINAL PHOTOGRAPHY of finished site / project - [LINK](#)  
 MARKETING PHOTOGRAPHY and VIDEOS - [LINK](#)  
 VIDEO Documentation of HAUL ROUTES**

*... and there's more.*

**Our [P-Tn LINKINGapp](#) IS OUR CLIENTS' PREFERRED METHOD OF RECEIVING Visual Documentation. THIS ALL-DIGITAL DOCUMENTATION APPROACH LINKS PHOTOS or VIDEOS TO PLAN SHEETS USING BUTTON ICONS, FOR EASY SEARCH & ACCESS TO YOUR IMAGES.**

**Call our Professional Staff 913-384-9369**

**FIND US ON THE WEB; [www.P-Tn.com](http://www.P-Tn.com) or EMAIL OUR STAFF; [contact@P-Tn.com](mailto:contact@P-Tn.com)**