

4-1944

## Photographic Interpretation Handbook, United States Forces: Section 17 Miscellaneous

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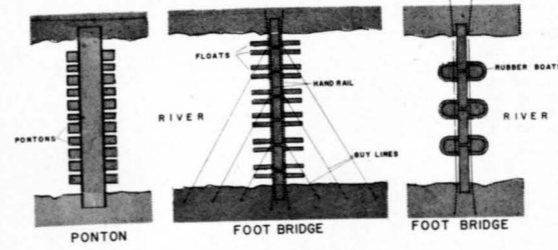
**SECTION  
MISCELLANEOUS 17**

17.01 — 17.99

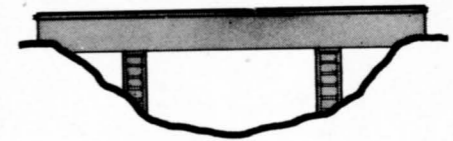
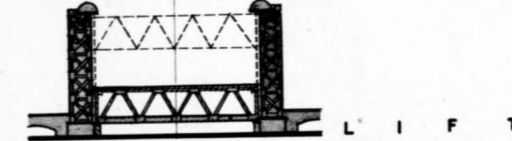
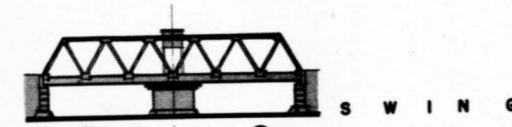
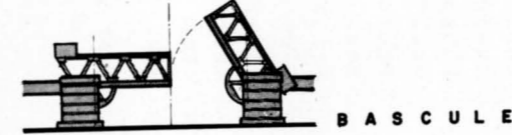
RESTRICTED

SPECIAL CASES

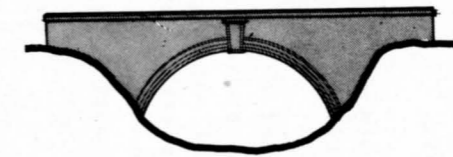
FLOATING BRIDGES (MILITARY)



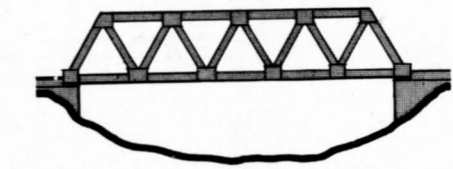
DRAW BRIDGES



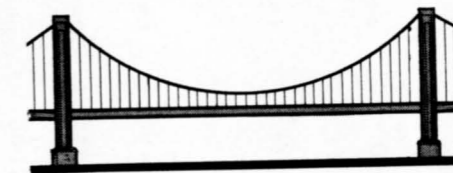
**B E A M**  
 1 STEEL-CONCRETE-WOOD.  
 2 SHORT SPAN.  
 3 SINGLE AND MULTIPLE SPANS.



**A R C H**  
 1 MASONRY-CONCRETE OCCASIONALLY STEEL  
 2 SHORT TO MEDIUM SPANS  
 3 SINGLE OR MULTIPLE ARCHES



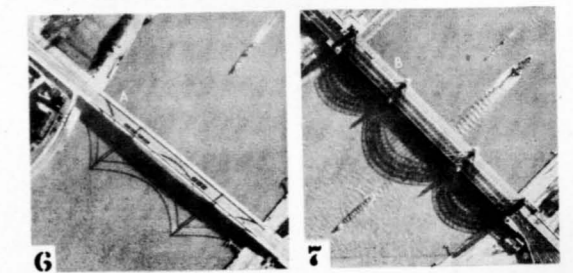
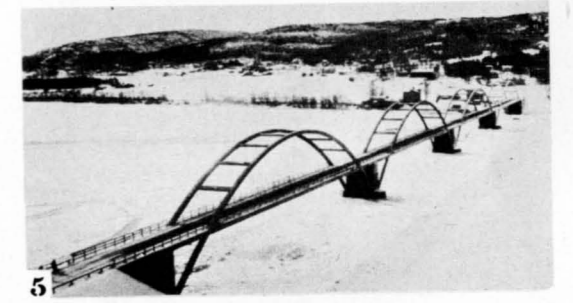
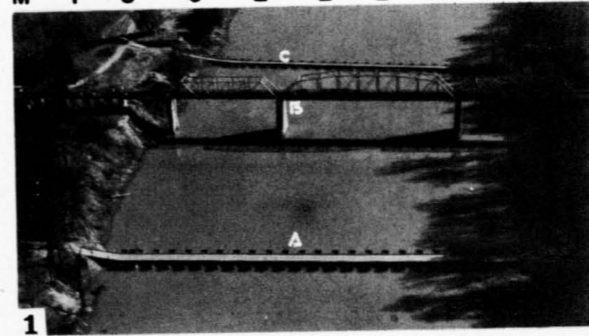
**T R U S S**  
 1 STEEL-WOOD  
 2 WOOD-SHORT TO MEDIUM SPANS.  
 STEEL-MEDIUM SPANS, SIMPLE TRUSS - LONG SPANS, COMBINATION TRUSS (CANTILEVER)  
 3 SINGLE OR MULTIPLE SPANS.



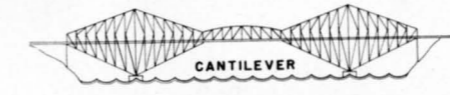
**S U S P E N S I O N**  
 1 STEEL  
 2 LONG SPANS  
 3 USUALLY SINGLE SPAN

1. MATERIALS 2. LIMIT OF SPAN 3. NO. OF SPANS

MISCELLANEOUS EXAMPLES



1. A. PONTON BRIDGE. B. SIMPLE TRUSS, MULTIPLE SPAN BRIDGE. C. PONTON BRIDGE.  
 2. STEEL TRUSS, ARCH BRIDGE.  
 3. SIMPLE TRUSS, MULTIPLE SPAN BRIDGE WITH SWING DRAWBRIDGE.  
 4. LARGE, SEGMENTAL, SINGLE SPAN ARCH.  
 5. MULTIPLE SPAN, ARCH-SUSPENSION BRIDGE.  
 6. VERTICAL: SUSPENSION BRIDGE  
 7. VERTICAL: ARCH-SUSPENSION BRIDGE



TEN METHODS OF REPRODUCTION

|   | Time required<br>for 1st print* | Impressions<br>per hour: | Max. No.<br>impressions<br>per plate | Quality | Nature of<br>Reproduction  | Printing<br>colors            |
|---|---------------------------------|--------------------------|--------------------------------------|---------|--|-------------------------------|
| PHOTO-LITHO                               | 3/4-2 hrs.                      | 3000-5000                | 50,000-<br>100,000                   | good    | maps, mosaics<br>forms, etc.                                       | 1 to 6**<br>or more           |
| GELATIN                                   | 1/4 hr.                         | 600-3000                 | 25-100                               | poor    | overprints<br>instructions   | purple &<br>others**          |
| B & W, OZALID                             | 1/4 hr.                         | 20-200                   | unlimited                            | fair    | single color<br>positive photo<br>prints of maps<br>sketches, ect. | purple<br>or others           |
| SEPIA PRINT                               | 1/4 hr.                         | 20-40                    | unlimited                            | fair    | negative photo<br>prints, proofs                                   | brown                         |
| BLUE PRINT                                | 1/4 hr.                         | 15-30                    | unlimited                            | poor    | negative photo<br>prints   | blue                          |
| STENCIL<br>DUPLICATING                    | 1/4 hr.                         | 2000-12,000              | 400-5000                             | poor    | Typewritten<br>instructions,<br>sketches                           | black or<br>other<br>colors** |
| PHOTOGRAPHIC                              | 1/4 hr.                         | 30-60                    | unlimited                            | excell. | Photo prints,<br>mosaics, etc.                                     | black                         |
| RAPID PRINTER<br>(GARRAWAY)               | 1/2 hr.                         | 500-1500                 | unlimited                            | excell. | Photo prints,<br>mosaics, etc.                                     | black                         |
| PHOTOSTAT<br>CONTINUOUS<br>MACHINE(1 man) | 15 min.                         | 90 sheets                | unlimited                            | good    | Written matter<br>blue prints,<br>maps, forms                      | black                         |
| MANUAL<br>MACHINE(1 man)                  | 30 min.                         | 40 sheets                | unlimited                            | good    | Written matter<br>blue prints,<br>maps, forms                      | black                         |

\* Minimum times with materials and solutions available. Corrections and art work additional.  
\*\* Printing colors are inks.