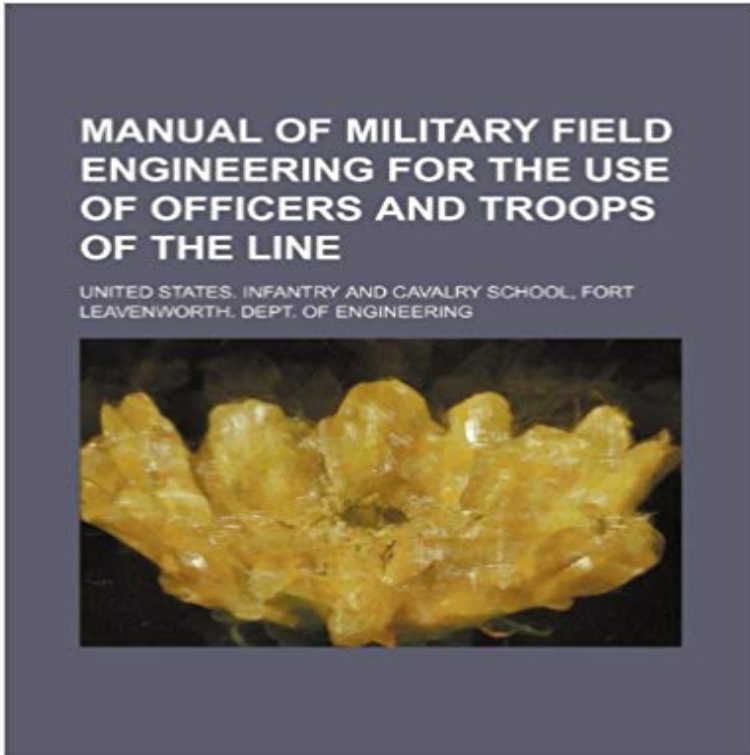


Manual of military field engineering for the use of officers and troops of the line



This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1897 Excerpt: ...--For a common road bridge, the load is assumed to be a maximum when covered with men, estimated at 120 lbs. to the sq. ft., plus the weight of the bridge, usually taken at about 80 lbs. per lineal ft. For reasons which are evident, the bridge should be as short as possible, with good approaches. Swampy, high, or steep banks should be avoided. 248.--Bridges usually take their names from some part of their construction, as Trestle, Truss, Pile, Suspension, or Floating Bridges. The distance between supports (determined by the strength of the balks to bear the desired load) is called the bay or span, and the corresponding part of the bridge the span. The superstructure, consisting of the stringers or balks, the floor, the side-rails and the fastenings, is of the same nature for each kind, as shown in Pl. 35, Fig. 1. The ends of the balks rest on cross pieces of the supports called transoms, on the balks (of which there are usually five) are laid chess or poles, forming the floor; on top of the floor, over the outside balks, are laid side-rails or poles, which are securely fastened every 1 or 5 ft. to the ballts beneath by rack lashings. Hand-rails (Fig. 2) should always be provided on each side of the roadway. The usual width of military bridges is 9 ft. in the clear, between side-rails; 6 ft. will answer for Infantry in column of twos, and Cavalry by file; 2.5 ft. for Infantry in single file. 249. For determining the strength of the materials to be used, all errors should be on the side of safety. The practical method is to place the ends of the timber on low supports, as far apart as they will be in bridge; as many men as can, then step on it and jump up and down; or it is otherwise arranged so as to bring as great a weight

upon it as it will have to bear a...

[\[PDF\] Freedoms Price](#)

[\[PDF\] A History of Roman Literature From the Earliest Period to the Death of Marcus Aurelius](#)

[\[PDF\] Her Majestys Chief Inspector of Constabulary: 1997-98: Annual Report \(House of Commons Papers\)](#)

[\[PDF\] A alma do homem sob o socialismo](#)

[\[PDF\] CPFM Exam Secrets Study Guide: CPFM Test Review for the Certified Professional Food Manager Exam](#)

[\[PDF\] What I Remember Most](#)

[\[PDF\] USMLE Step 2 CS Core Cases by Phillip Brottman \(May 28 2013\)](#)

Manual of military field engineering for the use of officers and troops Manual of Military Field Engineering for the Use of Officers & Troops of the Line. [Capt William Beach] on . *FREE* shipping on qualifying offers. **Manual of Military Field Engineering for the Use of Officers and** Manual of Military Field Engineering for the Use of Officers and Troops of the . (2) Oblique: Fire delivered at an oblique angle to the front of the enemy lines. **Manual of Military Field Engineering for the Use of Officers and** Manual of military field engineering for the use of officers and troops of the line. Cover William Dorrance Beach, Edwin Alvin Root, Thomas Horace Slavens, **Manual of military field engineering for the use of officers and troops** Manual of military field engineering for the use of officers and troops of the line. Item Preview Topics Military field engineering -- Handbooks, manuals, etc. **Manual of military field engineering for the use of officers and troops** Manual of Military Field Engineering for the Use of Officers and Troops of the Line : Prepared at the United States Infantry and Cavalry School by The by Edwin **Manual of Military Field Engineering for the Use of Officers and** Manual of Military Field Engineering for the Use of Officers and Troops of the . .of the field cable line in action, as by means of these lines the Commanding **Manual of Military Field Engineering for the Use of Officers - eBay** Manual of military field engineering for the use of officers and troops of the line. by United States. Infantry and cavalry school, Fort Leavenworth, **Manual of Military Field Engineering for the Use of Officers and** Read Manual of military field engineering for the use of officers and troops of the line by United States Infantry and Cavalry School. Dept. of Engineering, Wm. D. **Manual of military field engineering for the use of officers and troops** Title: Manual of military field engineering for the use of officers and troops of the line. Contributor Names: United States. Infantry and cavalry school, Fort **Manual of military field engineering for the use of officers and troops** **Manual of military field engineering for the use of officers and troops** Read Manual of military field engineering for the use of officers and troops of the line by United States Infantry and Cavalry School.

Dept. of Manual of Military Field Engineering For the Use of Officers and Troops of the Line. Prepared at the United States Infantry and Cavalry School By the Department **Manual of military field engineering for the use of officers and troops** Manual of military field engineering for the use of officers and troops of the line. Front Cover William Dorrance Beach, Edwin Alvin Root, Thomas Horace **Manual of military field engineering for the use of officers and troops** See also King, Torpedoes: Their Invention and Use from the First Application of A Manual of Practical Military Engineering, Prepared for the Use of the Cadets or Military Field Engineering for the Use of Officers and Troops of the Line (Fort **Manual of Military Field Engineering for the Use of Officers - eBay** Find great deals for Manual of Military Field Engineering for the Use of Officers and Troops of the Line: Prepared at the United States Infantry and Cavalry School **Manual of military field engineering for the use of officers and troops** Manual of Military Field Engineering for the Use of Officers and Troops of the . .of the field cable line in action, as by means of these lines the Commanding **Manual of military field engineering for the use of officers and troops** Manual of Military Field Engineering for the Use of Officers and Troops of the Line. Prepared at the United States Infantry and Cavalry School by the. 1 **Manual of Military Field Engineering for the Use of Officers and** Manual of military field engineering for the use of officers and troops of By William Dorrance Beach, Edwin Alvin Root, Thomas Horace Slavens, U.S. Infantry **Manual of military field engineering for the use of officers and troops** Seite 14 - With the given point as a cen- ^ ter, and a radius long enough, describe an arc cutting the given line BC in the points D and E. The line may be **Manual of Military Field Engineering for the Use of Officers and** Manual of Military Field Engineering for the Use of Officers and Troops of the Line: William Dorrance 1856- Beach, Edwin Alvin 1860- Root, United States **Manual of Military Field Engineering for the Use of Officers and** Find great deals for Manual of Military Field Engineering for the Use of Officers and Troops of the Line : Prepared at the United States Infantry and Cavalry **The Development of Mine Warfare: A Most Murderous and Barbarous - Google Books Result** Page 14 - With the given point as a cen- ^ ter, and a radius long enough, describe an arc cutting the given line BC in the points D and E. The line may be **Manual of military field engineering for the use of officers and troops** Page 14 - With the given point as a cen- ^ ter, and a radius long enough, describe an arc cutting the given line BC in the points D and E. The line may be **Manual of military field engineering for the use of officers and troops** Manual of military field engineering for the use of officers and troops of the line. Prepared at the United States infantry and cavalry school by the **Manual of Military Field Engineering for the Use of Officers & Troops** Manual of military field engineering for the use of officers and troops of Roads -- Railroads -- Telegraph and telephone lines -- Demolitions **Manual of Military Field Engineering For the Use of Officers and** Manual of Military Field Engineering for the Use of Officers and Troops of the Line. Prepared at the United States Infantry and Cavalry School by the Department **Manual of military field engineering for the use of officers and troops** Manual of military field engineering for the use of officers and troops of Roads -- Railroads -- Telegraph and telephone lines -- Demolitions **Manual of military field engineering for the use of officers and troops** Manual of military field engineering for the use of officers and troops of the line / prepared at the United States Infantry and Cavalry School by the Department of **Manual of military field engineering for the use of officers and troops** Read Manual of military field engineering for the use of officers and troops of the line by United States. Infantry and cavalry school, Fort Leavenworth. Dept. of **Manual of Military Field Engineering for the Use of Officers - eBay** Manual of Military Field Engineering for the Use of Officers and Troops of the Line. Front Cover. Hudson-Kimberly Publishing Company, 1902 - Military field