



## Methods for the Computation from Diagrams of Preliminary and Final Estimates of Railway Earthwork Volume 1; With Diagrams Giving Quantities on Inspection to the Nearest Cubic Yard, for Both Regular and Irregular Sections,

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By Arthur Mellen Wellington

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.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. 1875 Excerpt: .Fieldbook from the Diagram of Prismoidal Correction, by assigning values to the horizontal lines equal to double those shown, thus making the scale identical with the diagrams for thorough-cut sections. The formula of solidity is given on page 107 of that volume, and need not be repeated. Enter the diagram with the side-height and the width of excavation at the road-bed, for each section; and with the dimensions touched by the diagonal, for each solid. The sum of the three quantities obtained gives the volume of the solid. The dimensions touched by diagonals are the side-height at one end of it and the width of excavation at the road-bed at the other end. Example.--The following cut taken from page 107 As given in the volume, 10,700 cu. ft. = 396.-3 c.y. 75. Irregular Earthwork may also be computed by the method of Henck s Fieldbook from...



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