

TON MILEAGE.*By K. W. Blackwell, M. Can. Soc. C. E.*

The following paper was read at the recent annual meeting of the Canadian Society of Civil Engineers, by the retiring President, K. W. Blackwell:

A majority of the members of this Society in the ordinary routine of their professional duties have been engaged on work which is

more or less connected with the great problem of transportation. I presume, therefore, that I need not apologize when I ask them to follow me for a brief space while I endeavor to point out the general commercial result of their labors, as expressed in rates per ton per mile. This is an age in which everything is measured by results. Some results are measured in dollars and cents, others in "killo watt hours," and others in "foot pounds" and "ton miles," etc. It is probable

that a large number of our members are interested in the question of "ton miles." The economies that have been brought about in transportation on this continent are so much in advance of what has been done in England, and Europe generally, that I have confined my remarks to the ton mileage results on this continent, and in the American Atlantic trade.

In speaking on this subject, J. J. Hill, of St. Paul, who is President of the largest system

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