Public Works (1890) Department.

RAILWAY BRANCH.

G.O., No. 1564 Rys.

DATED 21st October

[Despatch Abstract.]

Average age of Sleepers. — Circular from the Govt. of India forwarding instructions for calculating the —, Communicated to the Consulting Engineer for Railways.

Indexed.

[P. W. Ry. 500—8-5-00.]

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

[*Heads of Departments.*]

Circular No. XVII Railway.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

RAILWAY TRAFFIC.

To

THE GOVERNMENTS OF MADRAS, BOMBAY, BENGAL, AND THE NORTH-WESTERN PROVINCES AND OUDH.
THE CHIEF COMMISSIONERS OF THE CENTRAL PROVINCES, BURMA AND ASSAM.
THE RESIDENT AT HYDERABAD.
THE AGENT TO THE GOVERNOR GENERAL FOR RAJPUTANA.
THE DIRECTOR GENERAL OF RAILWAYS.
THE CONSULTING ENGINEERS TO THE GOVERNMENT OF INDIA FOR RAILWAYS, CALCUTTA, CENTRAL DIVISION AND LUCKNOW.
THE ACCOUNTANT GENERAL, PUBLIC WORKS DEPARTMENT.

Simla, the 2nd September 1890.

SIR,

It appears that there is at present a diversity of practice in regard to the mode of calculating the average age of "sleepers in way," Item 2 of Appendix V to the form of the half-yearly analysis of working of Indian railways, issued with Public Works Department Circular No. V Railway, dated the 26th August 1887. With a view to secure uniformity on all lines, I am directed to request that the following formula be adopted in future in calculating the above item :—

Where A = Average age of sleepers in way at the end of the half-year.
N = Number of sleepers in line at the beginning of the half-year.
A′ = Average age in years of sleepers in the line at the beginning of the half-year.
R = Number of sleepers removed during the half-year.
L = Number of sleepers laid during the half-year.
0·5 = Half-year.
0·25 = Quarter of a year.

$$A = \frac{(N - R)(A' + 0{\cdot}5) + (L \times 0{\cdot}25)}{N - R + L}.$$

2. This formula should also be adopted in calculating the average age of rails in way, Item 2 of Appendix IV.

I have the honour to be,

SIR,

Your most obedient Servant,

F. B. HEBBERT,

Offg. Under Secretary to the Govt. of India.

Documents accompanying.

Nil.

G. C. Press, Simla.—No. 848 P. W. D.—6-9-90.—1,060.

Order No. 1664 R. dated 21st October 1890.

Communicated to the Consulting Engineer for Railways for information and guidance with reference to Pros: No. 696 R, dated 20th September 1887.

[sd] T. G.
Offg: R.

To
The Consg: Engr: for Railways
" Exr. Gntd: Ry: Accts.