Public Works (1890) Department.

RAILWAYS.

G.O., No. 1564 R

DATED 21. 10 - 1890

[Despatch Abstract.]

Average age of Sleepers &c: from the Govt of India Forwarding instructions for Calculating the —— Contrs to the Comp: Engrs for Rlys:

BACK PAPERS.

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[*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,

J. B. Herbert

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.

To The Joint Secretary to the Government of Madras (Railway Branch)
Public Works Department
368

No. 696 R of 20-9-87

B No. 1564 R 21st Oct 90.

Rd 30/10/90

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

SS
31/10/90

D R

11/10/90

(1)

Rs. 957/1205 of 24.10.1890.
Copy forwarded & ckd
for information with ref to this proc
Sec't No. 638/648 of 26.9.87.
Desptd 24.10.

To
The Consg. Engr for Rys
— Ex Gr. Rly Secrs;

Rec 24/10.

Hm. 2-X-90.

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36 SC

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