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Cap. Value=\$4,500 per mile per daily train per annum Distances adding to engine districts:

\$1.00 per train mile,=\$365 per daily train per annum. Cap. Value=\$7,300 per mile per daily train per annum.

## CURVATURE.-ALL TRAINS.

e 10% less Main Line, Grades 0.6 and under. Cap. Value \$6.00 per degree per daily train per annum.

not at a Main Line, Grades over 0.6 and important branches. Cap. Value year for \$5.00 per degree per daily train per annum.

Unimportant branch lines. Cap. Value \$4.00 per degree per daily train per annum.

WHEN CURVES ARE ELIMINATED, THE CAP. VALUE PER CURVE IN EXCESS OF VALUE PER DEGREE IS

On main line and important branch lines, \$50.00 per daily train per annum.

On unimportant branch lines, \$25.00 per daily train per annum.

To this should be added all extra construction cost of rail braces, tie-plates, and guard rails.

Curves at the foot of velocity grades, at station sites, or causing check in speed are very objectionable, and must be treated separately.

## RISE AND FALL.—ALL TRAINS.

Within freight-train velocity limits of 30 and 15 M.P.H. \$2.00 per foot per daily train per annum.

Minor grades 0.5 and under (exceeding velocity limits) \$12.00 per foot per daily train per annum.

Over 0.5 (exceeding velocity limits) \$25.00 per foot per daily train per annum.

Ruling grades, \$35.00 per foot per daily train per annum.

When ruling grade is 0.5 or under, figure minor grade to within .05 of ruling grade, after which assume grade as Ruling Grade.

When ruling grade is over 0.5, figure minor grade to within 0.1 of ruling grade.