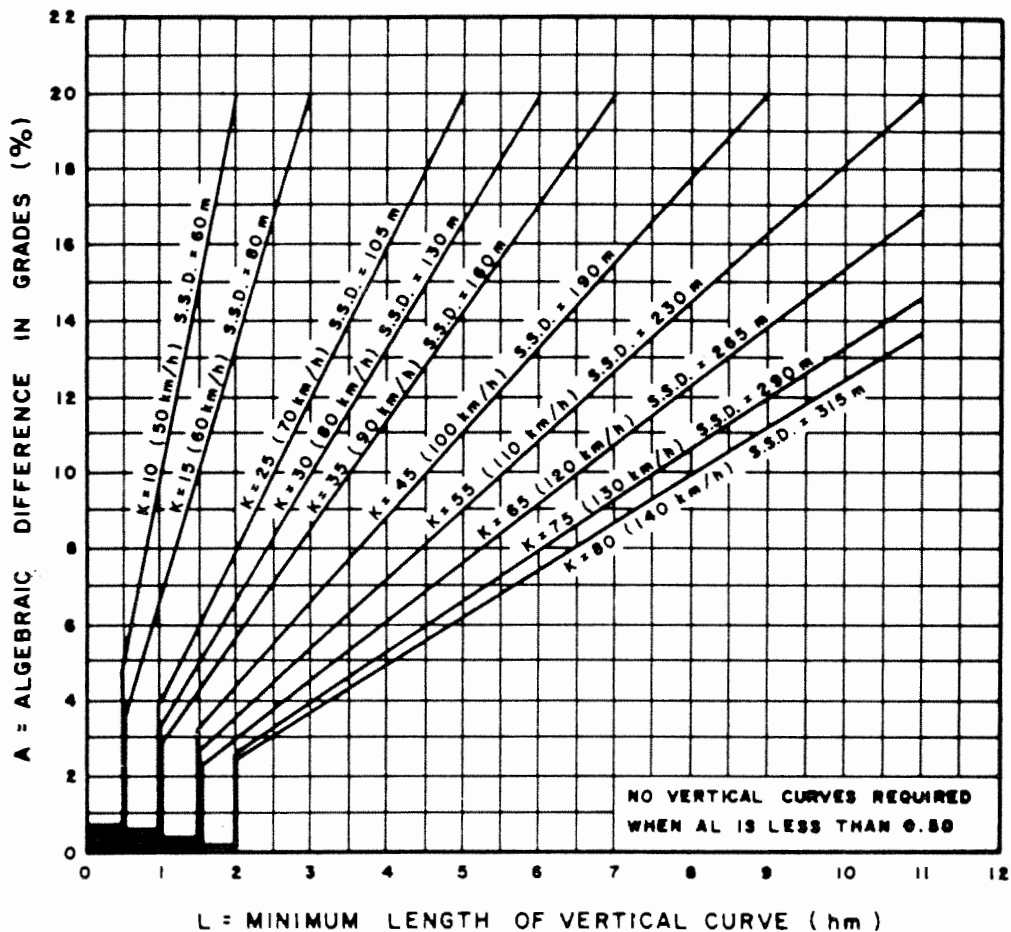




$$100L = K \times A$$

K = LENGTH OF VERTICAL CURVE REQUIRED TO
EFFECT A ONE PERCENT CHANGE IN GRADIENT

$$H + S \tan \theta = \frac{h + S^2}{200K}$$

REVISED: NOV. 1980

RECOMMENDED

APPROVED

DATE: JAN. 14, 1976

ROAD DESIGN ENGINEER

CHIEF ENGINEER

SASKATCHEWAN DEPARTMENT OF HIGHWAYS

MINIMUM LENGTH
OF SAG VERTICAL CURVES

STANDARD

PLAN

No.

20255