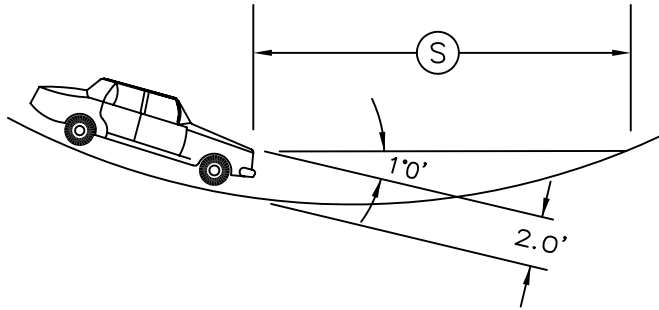


REVISIONS				APPROVALS	
DESCRIPTIONS	BY	DATE	APPROVED	COUNCIL RESOLUTION NO.	3/10/92



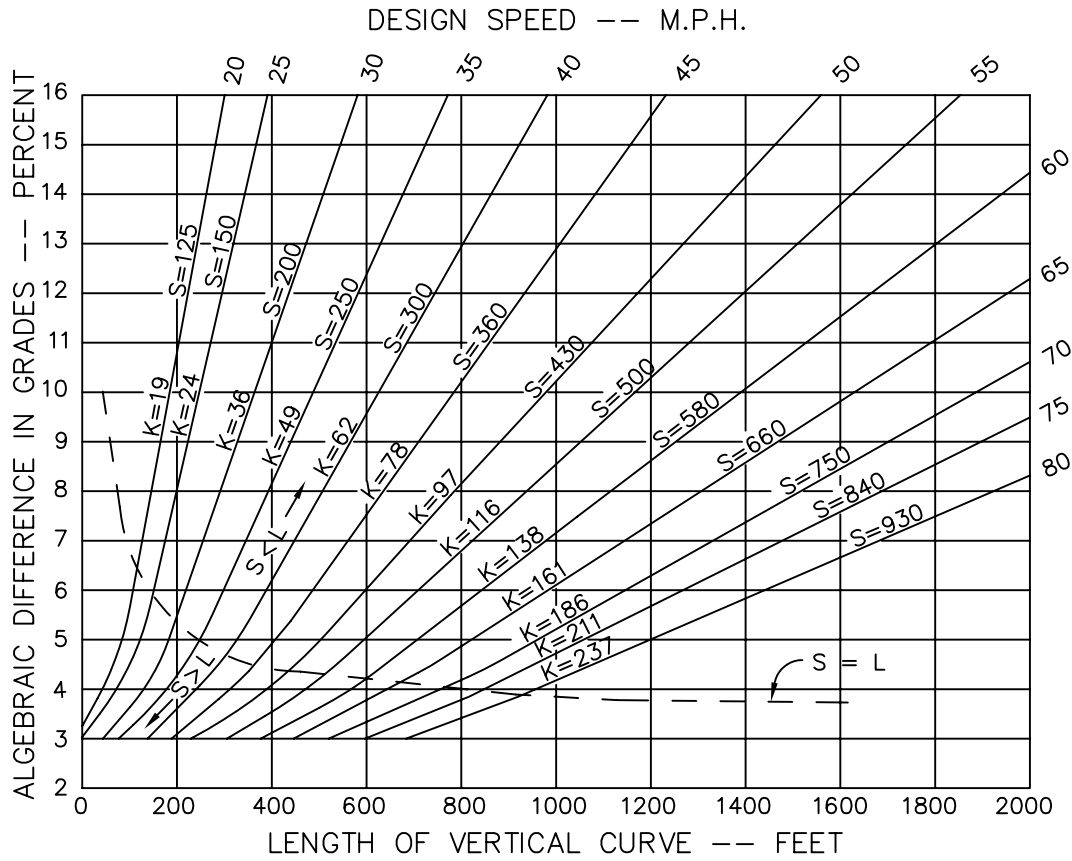
- L = CURVE LENGTH - FEET
- A = ALGEBRAIC GRADE DIFFERENCE - %
- S = SIGHT DISTANCE - FEET
- V = DESIGN SPEED - M.P.H. FOR "S"
- K = DISTANCE IN FEET REQUIRED TO ACHIEVE A 1% CHANGE IN GRADE
- K VALUE SHOWN IS VALID WHEN S < L

WHEN S > L

$$L = 2S - \frac{400 + 3.5S}{A}$$

WHEN S < L

$$L = \frac{AS^2}{400 + 3.5S}$$



DRAWN BY:
R.A.L.
DESIGNED BY:
S.J.S.
DATE:
2/27/92
FILE NAME:
AT411.DWG

CITY OF ATASCADERO
ENGINEERING DEPARTMENT

STOPPING SIGHT DISTANCE
ON SAG VERTICAL CURVES

DRAWING NO.

411