

TABLE "A"

MINIMUM STANDARDS FOR VERTICAL ALIGNMENT

For vertical curve length (L) use formula $L = KA$ (AASHTO Standard)

L = Minimum length of vertical curve.

K = (See table below.)

A = Algebraic grade difference %

L shall not be less than 3 V. (V = Design speed.)

"K" VALUE (AASHTO, 2011)

Design Speed =	25 MPH	30 MPH	35 MPH	40 MPH	45 MPH	50 MPH	55 MPH
K (Crests) =	12	19	29	44	61	84	114
K (Sags) =	26	37	49	64	79	96	115

TABLE "B"

STANDARD SUPERELEVATION

USE SUPERELEVATION TABLES IN CURRENT EDITION OF AASHTO "A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS"

MAX. e = +/- 6%

RUNOFF SHOULD BE PROPORTIONED; 1/2 ON CURVE, 1/2 ON TANGENT

JACKSON COUNTY ROADS

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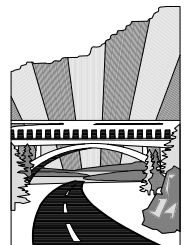
Date	By	Revision

JCRD401: VERTICAL
ALIGNMENT/SUPERELEVATIONS

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OCT 2017

NO SCALE



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