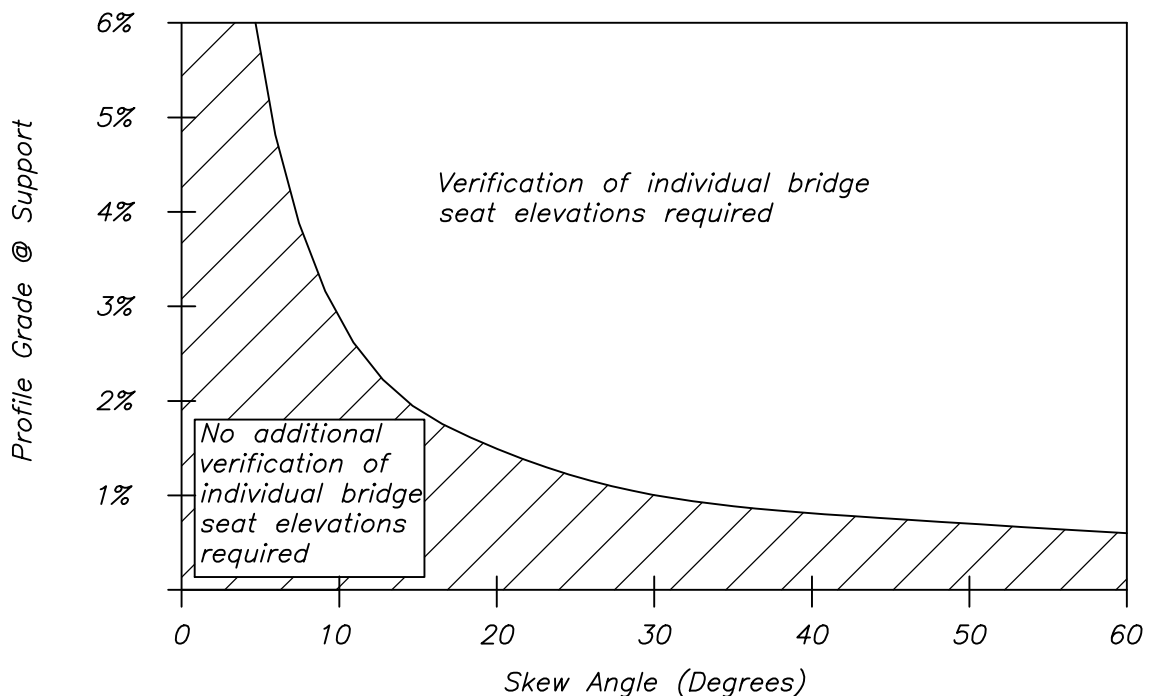


NOTES:

1. $D = \text{Width of Beam}/4$, rounded to the nearest $\frac{3}{8}$ ".
2. Because Spread Box Beam Bridges use two bearings, as the skew angle and profile grade increase, the longitudinal distance between bearing stations also increases. The chart below provides a guide for where individual bridge seat elevations would be required. Calculate bridge seat elevations as outlined on Dwg. No. 3.8.1 and provide separate bridge seat elevations when the difference in elevation between the bearings is $\frac{1}{8}$ " or greater. Do not use bearing pads of different thicknesses or specify shims or grout pads.



LRFD BRIDGE
MANUAL, PART II

ADDITIONAL CONSIDERATIONS SPREAD BOX BEAM BRIDGES BRIDGE SEAT ELEVATIONS

DATE OF ISSUE
JUNE 2013

DRAWING NUMBER

3.9.2