
Requested Variances & Alternative Design Standards

5-SB-22-C / 5-D-22-UR – HENDERSON ROAD DEVELOPMENT SUBDIVISION

VARIANCES

1. Reduce the minimum intersection approach vertical curve for Road “A” at Henderson Road from K=25 to K=15.
2. Reduce the minimum intersection spacing from Road “A” to W. Emory Road from 300ft to 279ft

ALTERNATIVE DESIGN STANDARDS REQUIRING KNOXVILLE-KNOX COUNTY PLANNING COMMISSION APPROVAL

1. None identified

ALTERNATIVE DESIGN STANDARDS REQUIRING KNOX COUNTY ENGINEERING AND PUBLIC WORKS APPROVAL

1. Increase the maximum intersection grade from 1 percent to 3 percent at the intersection of Road “A” at Henderson Road.

KNOX COUNTY ENGINEERING AND PUBLIC WORKS RECOMMENDATION:

Knox County Engineering has reviewed the variance and alternate design standard requests for the Henderson Road site and find them to be acceptable. In our professional opinion these deviations will not create unsafe roadway conditions nor negatively impact present or future traffic operations.