

DESIGN FACTORS FOR A DESIGN SPEED OF 30 MPH (RURAL) USING E= 8% MAX.

Table with 25 columns: RADIUS(FEET) E(%) 3500 NC, 2402 2.0, 2276 2.1, 2161 2.2, 2056 2.3, 1960 2.4, 1871 2.5, 1789 2.6, 1713 2.7, 1643 2.8, 1577 2.9, 1515 3.0, 1457 3.1, 1403 3.2, 1352 3.3, 1303 3.4, 1258 3.5, 1214 3.6, 1173 3.7, 1134 3.8, 1097 3.9, 1061 4.0, 1028 4.1, 995 4.2, 964 4.3, 934 4.4, 905 4.5, 877 4.6, 851 4.7, 825 4.8, 800 4.9, 775 5.0, 752 5.1, 729 5.2, 706 5.3, 684 5.4, 663 5.5, 641 5.6, 621 5.7, 602 5.8, 583 5.9, 565 6.0, 548 6.1, 531 6.2, 515 6.3, 499 6.4, 484 6.5, 469 6.6, 455 6.7, 441 6.8, 427 6.9, 414 7.0, 400 7.1, 387 7.2, 374 7.3, 361 7.4, 348 7.5, 334 7.6, 320 7.7, 305 7.8, 287 7.9, 251 8.0. Columns 2-25 represent design software equivalents for lane widths of 10', 11', 12', 24', 48', and 18 feet.

NOTE: CR, LS & w VALUES IN FEET. LISTED RADIUS IS THE MINIMUM ALLOWABLE RADIUS FOR THE CORRESPONDING E, CR, LS, AND w VALUES.

TRANSITION CURVES - RURAL
30 MPH DESIGN SPEED

VIRGINIA DEPARTMENT OF TRANSPORTATION

SPECIFICATION REFERENCE