

| CLASSIFICATION | DESIGN SPEED (MPH) | MAX. GRADE (%) | HORIZONTAL CURVE CONTROLS | | VERTICAL CURVE CONTROLS | |
|--------------------|-----------------------|-------------------|-----------------------------|------------------------|---------------------------|-------------------------|
| | | | MAX. SUPER ELEVATION (%) | MIN. CL RADIUS (FT) | MIN. LENGTH CREST (FT) | MIN. LENGTH SAG (FT) |
| THOROUGHFARE | 50 | 7 | 4 | 926 | 84A | 96A |
| MAJOR COLLECTOR | 35 | 10 | 4 | 371 | 29A | 49A |
| MINOR COLLECTOR | 30 | 10 | NC | 333 | 19A | 37A |
| RESIDENTIAL STREET | 25 | 10 | NC | 198 | 12A | 26A |
| ALLEY | --- | 10 | RC | 50 | 12A | 26A |

NOTES:

1. A = ALGEBRAIC DIFFERENCE IN GRADES
2. NC / RC = NORMAL CROWN / REVERSE CROWN
3. THIS TABLE OUTLINES MINIMUMS FOR ROADWAY DESIGN. SOUND ENGINEERING JUDGEMENT SHOULD BE EXERCISED WHEN USING MINIMUM DESIGN STANDARDS FOR ROADS.
4. ALTERNATE DESIGNS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION PUBLISHED BY AASHTO: A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS.
5. GRADES SHALL NOT EXCEED 5% WITHIN 100 FEET OF STOP OR YIELD CONDITION.