

SUBDIVISION OF LAND

113 Attachment 1

**Appendix I  
Design Standards for Streets  
Town of New Castle**

<b>Specifications</b>	<b>R-2A and R-1A</b>	<b>Zoning District R-1/2A and R-1/4A</b>	<b>Business and Industrial</b>
Minimum right-of-way width (feet):			
Local road	50	50	60
Collector road	60	60	70
Minimum traveled way width (feet):			
Local road		20, plus 8 per parking lane	24, plus 8 per parking lane
Permanent dead-end street with potential for providing access to not more than 10 lots	18		
Through street not exceeding 1,000 feet in length with potential for providing access to not more than 10 lots	18		
Through street exceeding 1,000 feet in length or any street with potential for providing access to more than 10 lots	20		
Collector road	22	24, plus 8 per parking lane	28, plus 8 per parking lane
Maximum grade:			
Local road	10% except that grades up to 12% may be allowed for short, straight runs	8%	
Collector road	8%	8%	6%
Turnaround	5%	5%	3%
Minimum grade	11/2%	11/2%	11/2%
Minimum center-line radius of horizontal curves (feet):			
Local road	175	200	250
Collector road	300	350	400
Minimum right-of-way radius at intersections (feet):			
Local road	25	25	30
Collector road	30	30	35

NEW CASTLE TOWN CODE

<b>Specifications</b>	<b>R-2A and R-1A</b>	<b>Zoning District R-1/2A and R-1/4A</b>	<b>Business and Industrial</b>
Minimum pavement radius at intersections (feet):			
Local road	15	15	20
Collector road	20	20	25
Minimum length of vertical curves:			
Local road, crest curve	100 feet, but not less than 20 feet for each 1% algebraic difference in grade		
Local road, sag curve	75 feet, but not less than 15 feet for each 1% algebraic difference in grade	Same as crest	curve
Collector road, crest curve	150 feet, but not less than 30 feet for each 1% algebraic difference in grade		
Collector road, sag curve	100 feet, but not less than 25 feet for each 1% algebraic difference in grade	Same as crest	curve
Minimum length of tangent between reverse curves (feet):			
Local road	100	100	150
Collector road	150	200	250
Minimum diameter of turnaround right-of-way (feet):			
Permanent dead end	110	120	130
Temporary dead end	100	100	110
Minimum diameter of turnaround pavement (feet):			
Permanent dead end	85	95	110
Temporary dead end	75	80	95