

Road Description	Right of Way Width (FEET)	MINIMUM PAVEMENT WIDTH (FEET)	Design Speed (MPH)	Min. Radius (Feet)	Maximum Grade
Private Mini Road	36'	12' Open Section with 3' Graded Shoulders	25	200'	10%
Town House					
Minor Road	30'	28' Closed Section Road w/ Per Perpendicular Parking *	25	200***	10%
Minor Road	34'	28' Closed Section Road w/o Perpendicular Parking*	25	200***	10%
Minor Collector	38'	32' Closed Section Road w/o Perpendicular Parking *	30	380'	8%
Minor Collector	38	32' Closed Section Road w/ Perpendicular Parking*	30	380'	8%
Residential Detached					
Lots > 30,000 SF					
Minor Road	50'	20' Open Section with 5' Shoulder	25	200**	10%
	50'	24' Closed Section Road	25	200**	10%
10,000 SF < Lots <= 30,000 SF	50'	22 Open Section w/5' Shoulder			
	50'	30' Closed Section Road*	25	200**	10%
Lots < 10,000	50'	30' Closed Section Road*	25	200**	10%
Residential Detached					
Minor Collector					
Lots > 30,000 SF	60'	24' Open Section Road with 7' Shoulder or 32' closed section road	30	380'	8%
10,000 SF < Lot < 30,000 SF	60'	26' Open Section Road with 7' shoulder or 32' Closed Section Road*	30	380'	8%
Lots < 10,000 SF	60'	32' Closed Section Road*	30	380'	8%
Residential Detached					
Major Collector					
Lots > 30,000 SF	60'	24' Open Section Road with 7' Shoulder or 36' closed section road	40	750'	7%
Lots > 10,000 SF < 30,000 SF	60'	36' Closed Section Road	40	750'	7%
Lots < 10,000 SF	60'	36' Closed Section Road	40	750'	7%
Commercial/Industrial					
Minor Collector	60'	32' Closed section Road*	40	750'	8%
Road	60'	24' Open Section Road with 7' Shoulder	40	750'	8%
Commercial/Industrial					
Major Collector	60'	26' Open Section Road w/ 7' Shoulder	40	750'	7%
	60'	36' Closed Section Road	40	750'	7%
Dual Lane					
Minor Collector	76'	20' Closed Section Road*	30	380'	8%
Dual Lane					
Major Collector	80'	22' Closed Section Road	40	750'	7%

- * SIDEWALK SHALL BE PROVIDED ALONG BOTH SIDES OF ROAD UNLESS DIRECTED OTHERWISE BY THE OFFICE OF PLANNING AND ZONING.
- ** WHERE CENTERLINE DEFLECTION ANGLE IS 60° OR GREATER, THE DESIGNER MAY DEViate FROM THE 25 MPH DESIGN CRITERION AND USE A MINIMUM RADIUS OF 125 FEET TO CONNECT THE CENTERLINES.
- *** WHERE THE CENTERLINE DEFLECTION ANGLE IS 60° OR GREATER, THE DESIGNER MAY DEViate FROM THE 25 MPH DESIGN CRITERION AND USE A MINIMUM RADIUS OF 50 FEET TO CONNECT THE CENTERLINES.

CECIL
COUNTY
DEPARTMENT
OF
PUBLIC WORKS

STANDARD ROAD & STREET DETAILS

**MINIMUM
ROAD DESIGN STANDARDS**

REVISED
05/07

R-35