

Summary Table - Roadway Capacity in Minor Storm Event											
Parker Criteria Manual Revision											
10/24/2016											
Street Long. Slope (%)	Principal Arterial	Arterial	Major Collector	Residential Collector	Residential Boulevard Collector	Non-Residential Collector	Residential Local		Non-Residential Local		
	Vertical Curb & Gutter	Vertical Curb & Gutter	Vertical Curb & Gutter	Vertical Curb & Gutter	Vertical Curb & Gutter	Vertical Curb & Gutter	Vertical Curb & Gutter	Mountable Curb & Gutter	Vertical Curb & Gutter		
1	13.8	13.8	13.8	5.7	2.5	13.8	10.9	3.4	13.8		
2	19.5	19.5	19.5	8	3.5	19.5	15.4	4.8	19.5		
3	17.8	17.8	17.8	9.8	4.3	17.8	17.7	5.9	17.8		
4	16.3	16.3	16.3	11.3	5	16.3	16.3	6.8	16.3		
5	15.2	15.2	15.2	12.7	5.6	15.2	15.2	7.6	15.2		
6	14.4	14.4	14.4	13.9	6.1	14.4	14.4	8.3	14.4		
7	13.8	13.8	13.8	13.8	6.6	13.8	13.8	9	13.8		
8	13.2	13.2	13.2	13.2	7.1	13.2	13.2	9.6	13.2		
Max. Allowable Spread		33	21	27	13	9	20	17	17	20	
Height of Curb (in)		6	6	6	6	6	6	6	4	6	
Notes about Calcs:											
1. Calcs based on roadway sections from Roadway Manual (Rev. 2015)											
2. Calcs determined using UD-Inlet Version 3.12, November 2012											
3. Flowrates Provided are for 1/2 of the Street Section											
4. Mannings n for street = 0.016											
5. Street cross slope = 2.0%											