Minimum Angle Chart

8" - 36" Standard Drain Basins,
8" - 30" Curb Inlet Structures, and Traffic Structures.

Does not apply to Basins with a Snout, Weir, or Branch Adders

Effective 10/5/11

Adaptor Size	Basin Size							
	8"	**10"**	**12"**	**15"**	**18"**	**24"**	**30"**	**36"**
4" - 4"	70	55	50	42	35	25	24	21
4" - 6"	75	70	55	47	40	29	25	23
4" - 8"	100	80	65	55	45	35	28	26
4" - 10"		95	75	62	52	40	32	28
4" - 12"			85	70	55	45	40	30
4" - 15"				80	65	51	44	33
4" - 18"					76	60	50	36
4" - 24"						75	62	41
4" - 30"							75	45
6" - 6"	90	75	65	55	44	33	30	26
6" - 8"	115	85	75	63	51	39	34	29
6" - 10"		105	85	70	55	43	38	32
6" - 12"			95	75	63	48	45	34
6" - 15"				86	72	56	48	37
6" - 18"					84	63	55	40
6" - 24"						77	66	46
6" - 30"							75	51
8" - 8"	165	90	80	70	55	44	35	32
8" - 10"		115	88	76	63	48	45	35
8" - 12"			102	83	70	52	48	38
8" - 15"				95	78	60	55	41
8" - 18"					90	70	60	45
8" - 24"						82	70	51
8" - 30"							80	57
10" - 10"		160	90	82	70	53	48	38
10" - 12"			115	85	75	58	50	41
10" - 15"				103	85	65	58	45
10" - 18"					97	72	65	49
10" - 24"						88	75	56
10" - 30"							85	62
12" - 12"			150	90	82	64	56	44
12" - 15"				112	87	69	60	48
12" - 18"					102	78	68	53
12" - 24"						92	80	60
12" - 30"							90	67
15" - 15"				150	90	77	69	53
15" - 18"					110	84	75	58
15" - 24"						98	85	66
15" - 30"							96	73
18" - 18"					150	90	78	63
18" - 24"						108	88	72
18" - 30"							100	82
24" - 24"						150	90	81
24" - 30"							115	91
30" - 30"							150	101