

## Minimum K-Value where verification by spreadsheet is not needed

### Conventional Street Design

	Local A	Local A (ETJ)	Local B Houses Fronting	Local B Houses Fronting (ETJ)	Local B NO Houses Fronting	Local B NO Houses Fronting (ETJ)	Collector	Collector with Median	Secondary Arterial	Primary Arterial	Marginal Access	Alley	Access to Conservation Subdivision
"K" Crest Value	30	25	30	25	45	40	55	80	75	75	30	10	30
"K" Sag Value	50	45	50	45	65	60	75	95	90	90	50	25	50
Maximum Grade	12%	10%	12%	10%	12%	10%	7%	7%	5%	5%	12%	12%	12%
Design Speed	30 mph	30 mph	30 mph	30 mph	35 mph	35 mph	40 mph	45 mph	45 mph	45 mph	30 mph	20 mph	30 mph

### Traditional Street Design

	Local						Main Street	Avenue	Parkway	Boulevard		Alley	Lane
"K" Crest Value	30						55	40	75	80		10	30
"K" Sag Value	50						75	60	90	95		20	50
Maximum Grade	10%						7%	7%	5%	7%		10%	10%
Design Speed	30 mph						40 mph	35 mph	45 mph	45 mph		20 mph	30 mph

NOTE: These values are based on using the maximum grade allowed under each street type. If the proposed grade exceeds maximum grade, the K-values in this table will not apply and the K-value spreadsheet must be used.