Speed (mph)	19	25	32	38	44	51	57	63	69	76
$d\downarrow$ $K\rightarrow$	13	27	40	60	83	107	133	170	207	243
0.1	16.1	162.7	234.9	319.4	415.5	511.0	608.1	725.9	851.2	968.5
0.2	14.0	97.6	129.1	158.0	189.4	219.3	246.5	276.9	308.8	382.5
0.3	20.3	129.1	169.7	207.9	249.6	288.3	324.2	363.9	406.7	444.7
0.4	26.1	153.4	202.2	247.4	297.0	342.9	385.3	433.4	483.5	528.6
0.5	31.3	174.9	229.6	281.1	337.2	389.6	438.4	492.1	549.4	601.0
0.6	36.3	192.9	254.2	310.7	373.8	431.3	484.3	544.4	607.4	664.7
0.7	41.0	210.2	275.9	338.0	406.2	468.7	527.4	592.4	661.1	723.4
0.8	45.6	225.6	296.3	363.3	436.5	503.9	567.0	636.9	710.6	777.8

Notes:

1. $x = (200dK)^{0.5}$, where x = distance from the low point to flanking inlet, ft, and d = depth at curb, ft
   Maximum K for drainage = 170 (ft/%A) for a curbed facility.
2. $K = L/A$, where L = length of vertical curve, ft, and A = algebraic difference in approach grades, %. *Reference: HEC 12 (modified).*
3. See Figure 36-10E(1) for Example Problem 36-10.3 details.

FLANKING-INLET LOCATIONS

Figure 36-10E