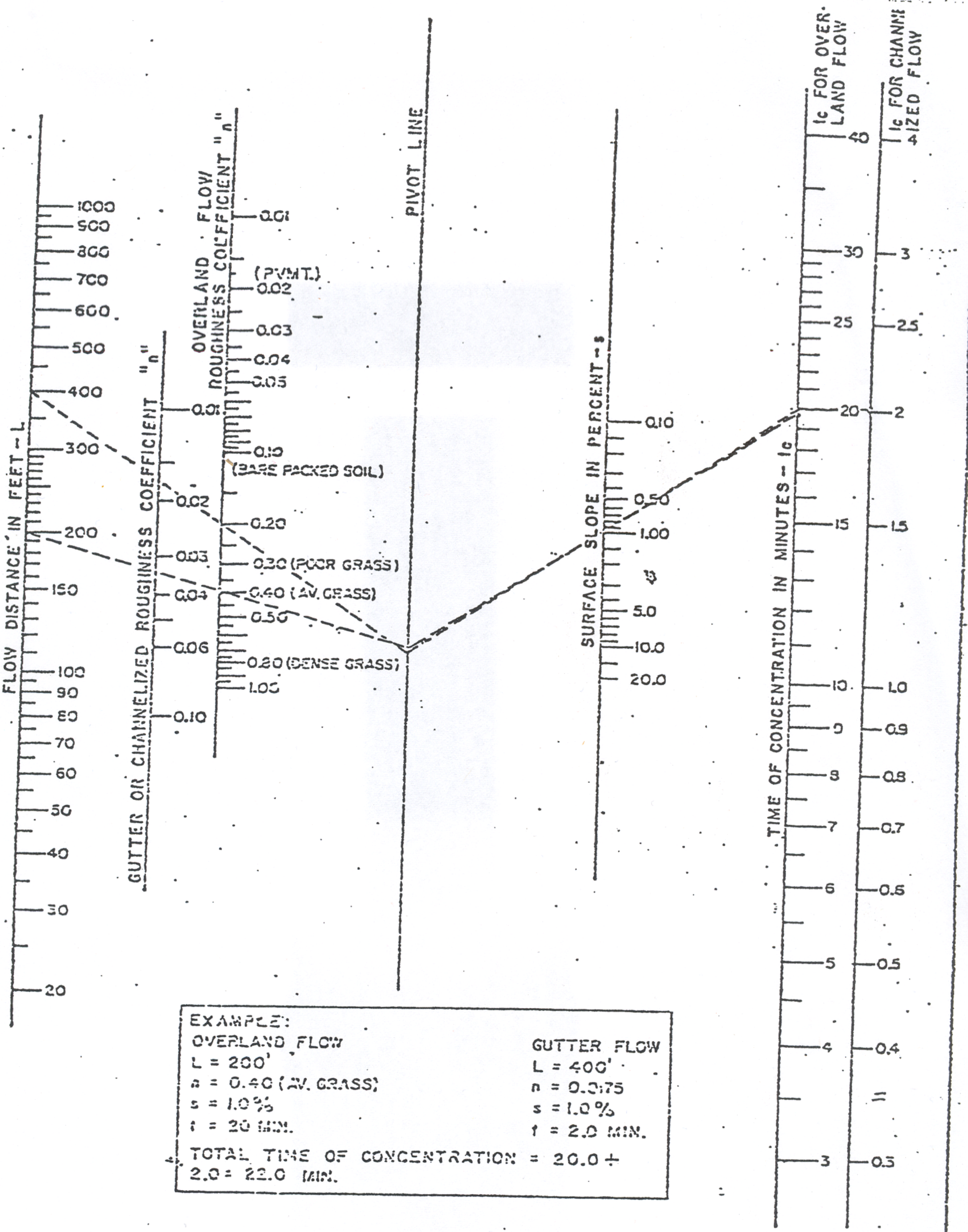

EXAMPLE:

OVERLAND FLOW	GUTTER FLOW
L = 200'	L = 400'
n = 0.40 (AV. GRASS)	n = 0.0175
s = 1.0%	s = 1.0 %
t = 20 MIN.	t = 2.0 MIN.

TOTAL TIME OF CONCENTRATION = 20.0 + 2.0 = 22.0 MIN.

FIGURE 2

TIME OF CONCENTRATION FOR SURFACE FLOW