1004 - Max Consecutive Ones III

nums = [1, 1, 1, 0, 0, 0, 1, 1, 1, 1, 0], k = 2

1 1 1 0 0 0 1 1 1 1 0

L R

k = ~~2~~ ~~0~~ X 0

longest = ~~0~~ ~~5~~ 6

Progress R while we can, update longest each time as max(longest, R-L) (R points to the number right after the sequence).
If we can't progress R, progress L, unflip any digits that had been flipped from 0 to 1 as we do, if L > R, set R to match L (will only be +1 in practice).

nums = [0, 0, 1, 1, 1, 0, 0], k = 0

0 0 1 1 1 0 0

L R

k = 0

longest = ~~0~~ 3