DOMINO LOOP

Place the given domino tiles in the grid in such a way that they form a closed loop that does not touch itself, not even diagonally. The normal domino rules have to be followed: adjacent cells covered by different tiles contain equal numbers. The numbers above and on the left of the grid represent the number of cells occupied by dominos in the respective row or column. The numbers below and on the right of the grid represent the sum of the digits on dominos in that row or column. The grey cells are part of a domino with two equal digits.

00 01 11 02 12 22 03 13 23 33 04 14 24 34 44 15 25 35 45 55 05 06 16 26 36 46 56 66

