**Initial State:**

**OOOOOOOOOO**

**OOSSOSSSSO**

**OSSOSSOOSO**

**OMSSSSOKSO**

**OOOOOOOOOO**

**Final Layout:**

**OOOOOOOOOO**

**OOCCOCCCCO**

**OCCOCCOOCO**

**OMCCCSOKCO**

**OOOOOOOOOO**

**Findeth yon keys: R, R, R, U, R, U, R, R, R, D, D, L,**

**The character started by going up a path that led to a dead end, so it backtracked to the beginning and went right instead of up, and found the path that led to the keys by going right 3 spaces, up, and right twice, then right 2 spaces, then down to spaces, and found the keys to the left.**