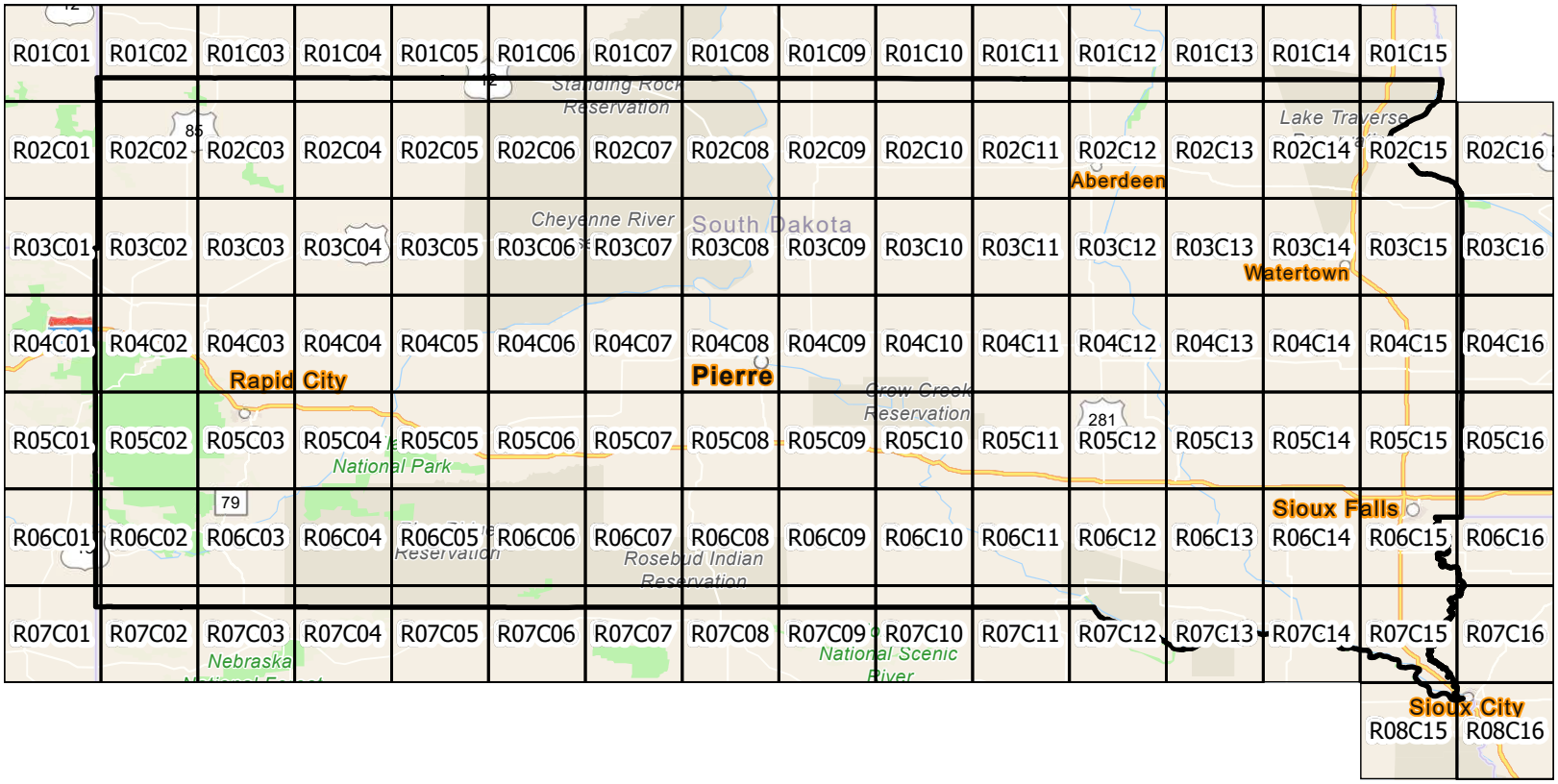SOUTH DAKOTA TILING SCHEME