Mahowald used the bo-based Adams spectral sequence to compute the 2-primary v1-periodic stable homotopy groups of spheres, and from this he deduced the v1-periodic telescope conjecture for \( p = 2 \). I will discuss what I know about the tmf-resolution at \( p = 2 \), incorporating work of many collaborators over the years, most significantly Tyler Lawson, Kyle Ormsby, Vesna Stojanoska, and Nat Stapleton.