For singular schemes, the natural target for cycle class maps is Borel-Moore homology. In this talk I will discuss ongoing work aimed at understanding the relationship between this cycle class map and the calculation of local terms for correspondences acting on étale cohomology, as defined in SGA 5. In particular I will discuss compatibility with Fulton’s refined intersection products, as well as a variant cohomology theory which is the target for localized chern class maps.