The Brentwood – I-64 Station sits near the intersection of two major highways, I-64 and I-170. It provides transit service to residential neighborhoods in two inner-ring suburban communities, Brentwood and Richmond Heights, as well as a regional shopping and office district. The portion of the station area south of I-64 is almost entirely developed with commercial uses. Most of these are single-story retail strips and "big box" stores with very large surface parking lots. However, this area also includes the Meridian at Brentwood development, which contains an eight-story office tower, a nine-story parking garage, and a two-story retail/office complex, all adjacent to the MetroLink Station. The area across from the Meridian development, in the eastern portion of the station, contains a gas station and a large empty lot adjacent to the Richmond Heights Community Center, which provides a transition to a residential neighborhood of single-family homes.

*Metro does not own any open lots within the station area, but it does own part of the Meridian parking garage, which holds 1,399 parking spaces.*