The Stadium Station is located in the very southern portion of Downtown St. Louis, directly adjacent to Busch Stadium and in close proximity to I-64, the Gateway Mall, and the Riverfront. The area immediately surrounding the Stadium Station is occupied by Busch Stadium, block-long parking garages, and the large empty lot targeted for development under the Ballpark Village plan. Blocks farther west hold the Cupples Station complex, a group of mid-rise 19th century warehouse buildings being redeveloped into a mixed-use and entertainment district. Buildings farther towards Downtown's commercial core and the Riverfront scale up to 20-40 story towers, many with two- to three-story retail bases. Most of these towers are hotels or office buildings, but one of them contains residential apartments and condominiums. The area south of the Stadium contains a few single-story commercial uses and one four-story apartment building, but is mostly occupied by large surface parking lots.

There is no Park-Ride Lot at this station.

Station is in an area that is eligible for New Markets Tax Credits (NMTCs)