

Network connectivity for the four radios at the bleachers may be achieved by trenching fiber to each pole, mesh backhaul, or out-of-band wireless bridge. Trenching fiber may be quite costly and using mesh for backhaul adds additional loading on the 5GHz spectrum and is thus in competition with client devices for that bandwidth. By using a wireless bridge that doesn't use WiFi spectrum, backhaul bandwidth is fast, reliable, and free of interference/congestion. The solution proposed is Siklu's MultiHaul point-to-multipoint 60GHz bridging solution. The radio units are very small and inconspicuous. The Base Unit (BU) is to mount to the steel I-Beam in the third floor balcony area and will connect to a Terminal Unit – one each on the lighting poles on either side of the Visitor's Bleachers. Full data rate range is 200m; distance to each light pole is about 124m.

