

Our fixed wireless solution would be most effective in underserved, disadvantaged, dense neighborhoods of homes and businesses that need low cost high-speed Internet service. Less dense neighborhoods can also be served, but at a slightly higher cost.

An ideal neighborhood for our fixed wireless solution is the underserved and economically disadvantaged Hispanic neighborhood of Barelás. It was formally established in 1662 making it one of the oldest and poorest in New Mexico. Today it is a dense neighborhood of about 3700 residents living in small homes.

Enthusiastic support for our BarelásGig project has been received by residents, businesses, the Barelás Neighborhood Association, the Albuquerque Hispano Chamber of Commerce, the Barelás Community Coalition, Casa Barelás, and the Barelás Community Center.

Our original design concept was to use a low cost fiber feed from City of Albuquerque Central Avenue (old Route 66) fiber, which was built to provide public access broadband fiber. However, this fiber feed will not be available for several months.

Our BarelásGig project has stirred up a lot of community support and the bigbyte.cc data center at 2nd Street and Central Avenue has volunteered to provide free 1Gbps dedicated, synchronous fiber feed for our working prototype.