

# Long Lines site: Dover, Missouri

- **Common Language Identifier:** DOVRMO
- **Coordinates:** 39°11'34.70" N, 93°37'27.20" W (39.19297 N, 93.62422 W)
- **County:** Lafayette
- **AT&T call sign:** KAH92 (inactive)
- **Antenna Structure Registration (ASR):** [1010168](#)
- **Height (overall):** 75 meters (246.06 feet)
- **Current owner:** American Tower Corporation
- **Currently in use?** Yes, cell repeater site for AT&T Mobility
- **Horn antennas?** No
- **Original hops:** Elkhorn, [Slater](#)
- **Later hops:** [Aullville](#), [Knoxville](#)

In 1953, AT&T Long Lines constructed a microwave relay site on Missouri Route 24 in rural Lafayette County, between Dover and Waverly. The site was originally based around a white block building – a normal sight along the Kansas City-St. Louis microwave route – with a 246-foot tower on its southern side. The tower would have supported four delay lens antennas, two aimed northwest at Elkhorn and two aimed east at Slater.

In the late 1950s, an additional microwave route was added to Dover – a telephone-only route to Aullville. According to FCC records, the Aullville tower was constructed in summer 1958 and was shown as “in service” on the March 1960 AT&T Long Lines map.

The March 1960 map showed another microwave route at Dover was under construction – this time a telephone-only hop to Knoxville. The Aullville and Knoxville hops would make up parts of the Helena, Missouri-La Cygne, Kansas “loop route.” It was around this time the original delay lens antennas would have been replaced with the “iconic” KS-15676 horn-reflector antennas that allowed for greater capacity through the use of multiple frequency bands and polarizations.

To handle the additional traffic, the Dover base station was expanded. Solid concrete additions of a “semi-hardened” design were constructed east of the original block building.

Today, American Tower Corporation owns the Dover site and leases tower space to wireless companies like AT&T Mobility, who has cellular antennas atop the tower. The horn-reflector antennas have been removed to make way for shrouded parabolic antennas and the cellular antennas.

## Online site page:

<https://personal.garrettfuller.org/blog/att-long-lines/missouri-long-lines-sites/long-lines-site-dover-mo/>

HORNS ACROSS MISSOURI: Dover

## Photos: February 27, 2025



*Tower seen from the west on Hitt School Road.*



*The original block building (c. 1953) is seen on the right, while the solid concrete “semi-hardened” addition is seen to its left.*