



5G Survey May 2021

I. ASPEN

The City of Aspen hasn't experienced significant Small Cell/5G construction yet. 5G prep work at City of Aspen includes:

1. Updated design guidelines focused on aesthetics and minimizing new wireless infrastructure (e.g., encouraging wireless service providers to collocate on shared infrastructure), see: <https://www.cityofaspen.com/1223/Small-Cell-Facilities>
2. Neutral Host – We did an RFQ/FRP process to reach agreement with a Neutral Host provider to help encourage collocation and to provide greater input on wireless facility locations (including leveraging existing City buildings as potential sites)
3. Fiber Buildouts – We continue to build as much municipal owned fiber as possible and to accelerate fiber broadband service delivery. The more fiber broadband we have, the less need for fixed-wireless broadband. City of Aspen is part of a regional open access middle-mile fiber broadband network potentially capable of supporting wireless service providers (e.g., Small Cell backhaul).

Our Community Development team has received a few Small Cell applications from one of the major wireless service providers. None have been approved yet as far as I know. Attached, please find our Wireless Infrastructure RFP. The pages 4 - 6 contain the most relevant content.

We have had five applications for small cell facilities in the ROW – all by SmartLink on behalf of AT&T. All of them are still in review, but we are getting close to approval. There have been frustrations for both sides in the review process and we have totally blown through the 90-day shot clock – trying to get them to comply with our requirements and their own struggles to produce compliant designs. I will say that they have generally been patient with us and we have been patient with them. Based on our experience so far – there are already some tweaks to both the code and design guidelines that we want to make related to process, particularly – but also to the poles themselves and the dimensions that we established.

We used HR Green, an engineering firm, to help us with the design guidelines and code change. I think our total bill with them from start to finish was approximately \$75K. We have also used Ken Fellman's law firm to help us with legal consultation in reviewing these documents and helping us draft the Master License Agreement necessary for having these facilities in our ROW. It was also hugely helpful to have

someone with his background and expertise on our team. Understanding this industry is difficult and IMO has been made intentionally opaque.

II. BRECKENRIDGE

Below is the link to the Town's current Small Cell Design Guidelines that were adopted in 2019. We are currently working on a revision to these that are a little more restrictive in regard to pole appearance and height.

<https://www.townofbreckenridge.com/work/community-development/small-cell-design-guidelines>

Further, we are in the process of working with a third party (NeuComm) to work on the Town's behalf to attempt to get the providers to collocate in our historic district. Nothing has come of that as of yet but we are still working toward that. The Town has also decided to work with providers to provide very low rents to locate on Town buildings rather than within the ROW to reduce visual clutter of poles (replacements which are wider or new poles).

We have processed three small cell applications, but they have yet to be installed. One on a Town owned building and two in the ROW outside of the Historic District.

III. CRESTED BUTTE

There is no 5G in Crested Butte and we have been told that we are unlikely to get it. (Really, having any G's would be nice.) Thus, we have done no planning.

IV. SUMMIT COUNTY

5G has not been installed in our community, nor have we started planning for such installation. However, below is a link to the requirements in our Land Use & Development Code pertaining to telecommunication/wireless facilities.

<https://www.summitcountyco.gov/DocumentCenter/View/58/DEV3>

V. VAIL

The Town of Vail worked with Crown Castle in 2015 for tower infrastructure for 4G antennas/network for the Town. Do not have any 5G antennas. Will be beginning process to look at the 5G needs.

VI. Snowmass Village

Town Council adopted land use code revisions and design guidelines for small cells in January 2021. Links to the final documents:

- <https://www.tosv.com/DocumentCenter/View/3841/Wireless-Communications-Facilities-Design-Guidelines--FINAL?bidId=>
- <https://www.tosv.com/DocumentCenter/View/3840/Updated-Sec-16A-3-250---Wireless-Communications-Facilities--FINAL?bidId=>

This was in response to the FCC ruling, 18-133. We started by adopting interim design guidelines in late 2019, and then worked with HR Green to draft these final versions. We are actually still working on the final application forms and review process, but so far we haven't seen any interest from cell companies.