



Search Area Summary

Re: Proposed clock tower telecommunications facility located at 3771 Bloomington

To whom it may concern,

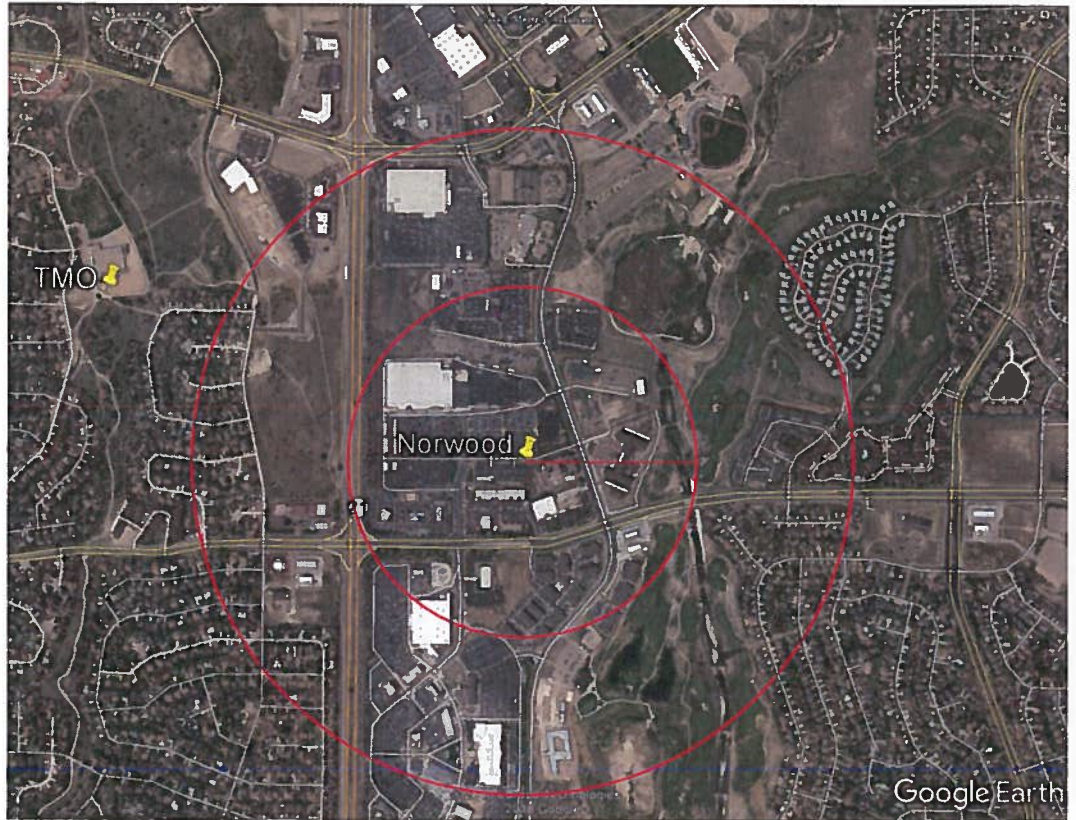
RF's objective is to provide indoor coverage to the retail areas along the east side of North Powers Blvd near the intersection of North Carefree Circle and to the residential neighborhoods east of those retail stores. We initially looked at using the existing Crown Castle monopole located adjacent to our proposed tower but the structure is currently full and would not allow for collocation of ATT's antenna loading. We were then given a search radius of .25 miles from the Crown tower based on the location of ATT's existing sites. As you can see from the attached propagation maps, ATT has sites all around this area so we were limited in the area we could search since we had to avoid getting too close to existing sites. We then looked at the existing buildings in the area to see if any would meet the height needed by ATT RF to collocate their antennas on an existing rooftop however all of the buildings in the vicinity are one story structures. Because of the topography in the area there were no existing structures that could be utilized. We then studied the area to determine possible locations for free-standing structures. We had 2 interested landowners, our current location and the owner of the Springs Liquor Outlet store. We proceeded with our current location because of the increased elevation his property offered. We were recently presented a location from planning staff showing the location of a new T-Mobile flagpole, located .65 miles northwest of our proposed location. As depicted by the RF propagation map, the T-Mobile tower would not meet 50% of their coverage objectives for this search area and for that reason, ATT can't use the T-Mobile tower. The only area to search for an alternate site location on an existing structure is between Powers and Tutt Blvd., from N. Carefree Circle to up to Barnes Rd. and all of the existing buildings in this area are one story and do not meet the height needed for RF.

I explored a number of properties from N. Powers Blvd. to Springs Ranch golf course and found that our proposed location kept us the greatest distance from single-family residences than any other location we looked at. The shopping center on the south side of N. Carefree has a significant elevation drop from the properties on the north side.

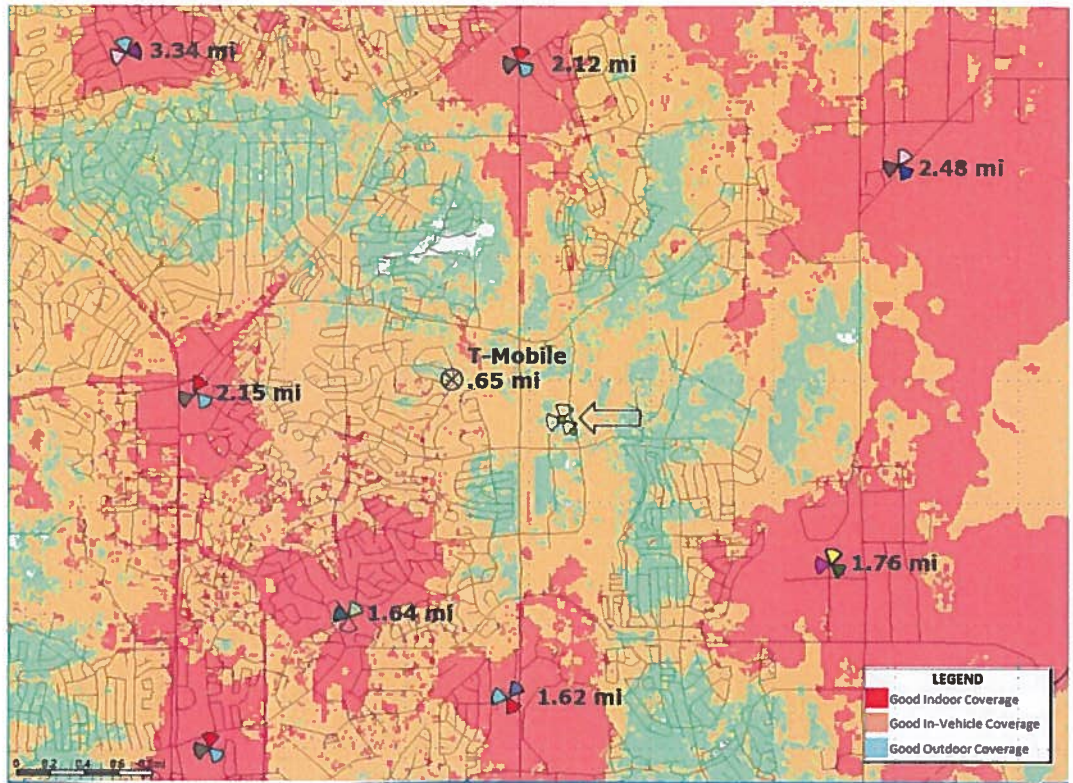
Respectfully,

Darren Hunter

Darren Hunter
913-634-1245
Selective Site Consultants on behalf of AT&T



.25 and .5 mile search radius



Existing ATT site locations in relation to our proposed tower location.



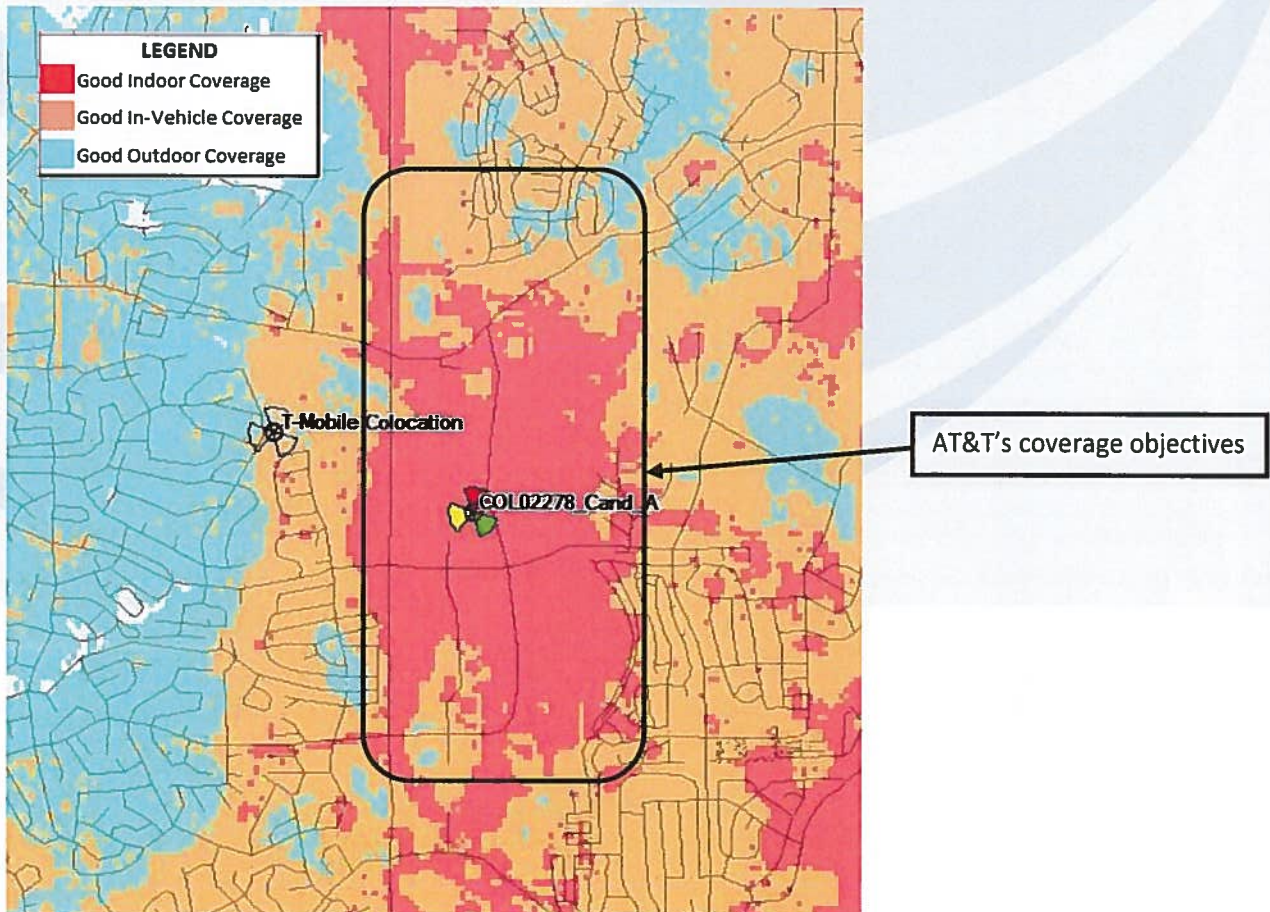
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March 2, 2018

AT&T is declining the option to co-locate on Cell Tower proposal at 3771 Bloomington. Please see the reasons below:

AT&T's coverage objectives:

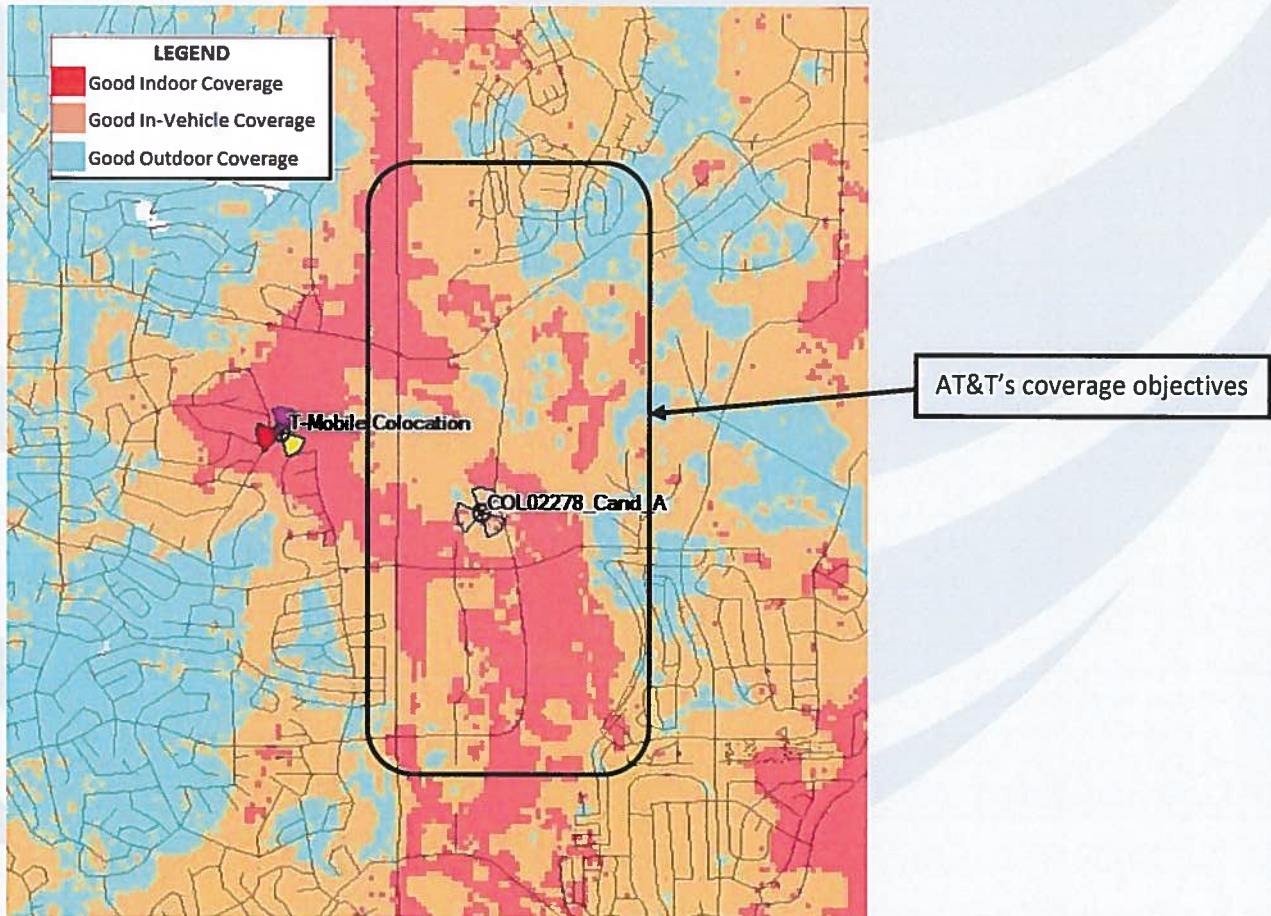
- Provide indoor coverage (red on the map) to the retail areas on the East side of N Powers Blvd and along N Powers Blvd, also a good amount of residential neighborhood East of those retail stores
- Please see below our coverage plot at our proposed location





Please see below the coverage plot if we are to co-locate on the proposed flagpole

- Assumption: The flagpole is 65' with 3x12' canister. If we are to use the 2nd canister, our rad center will be approximately 48' with the 8' antenna, per our design.
- Please find below the coverage plot with rad center of 48'



AT&T will also need at least 2x12' canisters if we are to use the proposed flagpole. If the higher canister cannot meet our coverage objectives, we will definitely not be able to meet our coverage objectives with the lower canister at the rad center of approx. 36'.