



City of McKinney  
Planning and Zoning Department  
221 N. Tennessee St.  
McKinney, TX 75609

May 5, 2020

Subject: City of McKinney Planning and Zoning Department  
Wireless Telecommunications Facilities Site Address: 2708 Virginia  
Parkway, McKinney, Texas 75071 Skyway Towers, LLC Site Number:  
TX-09380 Peachtree – DA03029B

To Whom It May Concern:

T-Mobile South LLC (“T-Mobile”) respectfully submits this letter to propose a new telecommunications tower at 2705 Virginia Parkway, McKinney, Texas 75069. The proposed new monopole is required to provide adequate RF signal strength for the T-Mobile network within the City of McKinney around North and South Virginia Pkwy just between West of the 75 and East of S Hardin Blvd.

T-Mobile Engineering has determined that the proposed site is needed to provide in-building signal strength to the residential and commercial buildings surrounding the area South of W White Ave, and North of Brook Dr. Previous optimization efforts in the area were not able to improve the area coverage thus T-Mobile developed a search area for a new site to maintain our network coverage.

The search area included a ½ mile radius from the target area. This area stretches from East of Jordan Rd all the way to the West of Hwy 75 just north of Brook Dr. to the South of Gabriel Dr. T-Mobile looks for co-location opportunities and has made every effort to utilize existing infrastructure to support its network. Given the geographic area in which the T-Mobile Engineering Team determined that the base station needs to be located, there were no opportunities to co-locate on existing structures. The following are the results of a thorough evaluation of this area:

- No existing towers or suitable structures of any sort were observed within the ½ mile radius from the proposed site that meet T-Mobile’s requirement to cover the target objectives.
- No towers or other structures existed within the ½ mile radius from the proposed site that could be reasonably altered for substantial additional height to meet T-Mobile’s engineering requirement.
- Co-location was not an option, as there were no existing towers or other structures within the ¼ mile radius from the proposed site required to meet T-Mobile’s engineering needs.

Additionally, this new site will maintain access to T-Mobile’s enhanced E911 services as required by the FCC and local PSAP and maintain safety to the citizens of the City of McKinney Texas.

T-Mobile owns and operates the following frequency bands in Collin County:

<b>AWS Bands</b>				
Blocks:	Downlink		Uplink	
D,E,F1,F2- Block	2135 MHz	2155 MHz	1735 MHz	1755 MHz
<b>700 &amp; 600 Bands</b>				
Blocks:	Downlink		Uplink	
A - Block	729 MHz	734 MHz	699 MHz	704 MHz
A & B - Block	668 MHz	688 MHz	622 MHz	642 MHz
<b>PCS Bands</b>				
Blocks:	Downlink		Uplink	
C - Block	1965 MHz	1970 MHz	1885 MHz	1890 MHz
D - Block	1945 MHz	1950 MHz	1865 MHz	1870 MHz

If you have any further technical questions related to this application, you may contact me Dishant Shah at 972-464-3507

Sincerely,

*Rowena Carpio*  
RF Engineer

cc: Site File,  
enclosure: Current coverage propagation map  
Proposed coverage propagation map