

## Verizon Wireless – Antenna Modification – CSP- Monument Hill

### LETTER OF INTENT

**Tower Owner**

Crown Castle  
1220 Augusta Dr. Suite 500  
Houston, Texas 77057  
Attn: Grant Steinhauser  
(425) 202-2774

**Applicant**

Verizon Wireless  
3131 S. Vaughn Way, Suite 550  
Aurora, CO 80014  
Attn: Jenn Brooks  
(303) 873-2778

**Applicant's Representative**

Retherford Enterprises  
7093 Silverhorn Drive  
Evergreen, CO 80439  
Attn: Joy Retherford  
(720) 261-2064

**Site Plan/Project Name:** CSP MONUMENT HILL - VZW AWS ADD & 700 RRHs

**Site Address:** 20017 Beacon Lite Rd. Monument CO 80321

### Request and Justification

Verizon Wireless needs to implement the following requested modifications to the existing on the site called CSP Monument Hill to accommodate newest technologies and continue to provide the best service possible.

1. Replace existing antennas with three new antennas
2. Add six Remote Radio Heads (RRH)
3. Add three diplexers
4. Add one OVP unit
5. All antennas will be fitted with a sock for camouflage

As the population has continued to grow and traffic has increased, it is necessary to continue to develop this facility as a high-density site and into a digitally compatible site with Verizon Wireless' neighboring sites. The demand for travelers to have internet connectivity literally everywhere continues to create greater and greater demands on the existing cellular facilities.

To accommodate the newest technologies and the newer high-speed data requirements that the public is demanding, Verizon Wireless must upgrade their antenna array. All antenna will be fitted with a sock for camouflage. No changes will be made on the grounds of the site.

With respect to land use, the site is currently zoned to allow the existing telecommunications facility capable of supporting multiple carriers. The existing wireless communications facility and proposed upgrades will not adversely impact the surrounding land. This facility will continue to comply with all FCC rules governing construction requirements, technical standards, interference protection, emissions, power and height limitations and radios frequency standards as well as FAA rules of location and operation. All permits necessary to add the new antennas to this site shall be obtained prior to construction once the appropriate clearances have been obtained from El Paso County planning and zoning.

Given Verizon Wireless' digital technology operates at extremely low power, it is critical that key network sites, like this one receive upgrades as they become available. This proposal will not alter the site's current location on the property or the overall height of the tower. This site remains critical to the Verizon Wireless network and continues to handle a significant amount of call traffic every day with the proximity of Interstate Highway 25, and residential gently encroaching.

With the advancements offered through LTE/4G/AWS technology, this site is being updated to support these technologies for the surrounding recreational area, E911, public safety, as well as the surrounding residential community making it a critical component for seamless service.

Verizon Wireless recognizes that this application, submitted on March 22, 2018 is for an eligible facilities request related to the modification of an existing wireless tower or base station which does not substantially change the physical dimensions of the site. As such, the jurisdiction shall have 60 days to review this application. Failure of the jurisdiction respond to, or otherwise not request reasonably related documentation, shall result in this application being deemed granted pursuant to section 6409(a) of Title VI of the Middle Class Tax Relief and Job Creation Act of 2012.

## **Summary**

The Verizon Wireless proposal shall comply with all standards and requirements as listed in the County's Land Development Code. E911 services and public safety will all benefit from the additional technologies requested for this site by enhancing speed and accuracy in locating mobile 911 calls.

The integrity of the Verizon Wireless network continues to rely on this site. This site shall comply with the intent of the County's Land Development Code. The proposed modifications shall not cause any additional visual or other negative impacts on the area while at the same time, offering the residents, businesses, and traveling public with better and faster voice and data technologies. Capacity and technology upgrades are as much of a concern as coverage given the significant use of smart phones, tablets, wireless internet devices, and other data intensive technologies given their high bandwidth requirements.

Thank you for your time and consideration in this matter.



Joy Retherford