

Project Narrative

CITY OF COMMERCE, CO
7887 EAST 60TH AVE
COMMERCE CITY, CO 80022

RE: Application for Zoning/ Building Permit
Crown Castle Telecommunication Site at: 17410 E 120th Ave
BUN 824849; App 484271

AT&T Mobility is proposing collocate on the existing telecommunications facility located at the subject address. To accommodate the new tower equipment, AT&T is proposing to increase the height of the existing structure by 20' for a final height of 97'. The ground equipment and back-up generator associated with this project will be installed within a new 300 sqft compound expansion within the existing lease area. The scope of work is as follows:

TOWER SCOPE OF WORK:

- INSTALLATION OF (6) PANEL ANTENNAS
- INSTALLATION OF (3) SECTOR MOUNTS
- INSTALLATION OF (3) SQUIDS
- INSTALLATION OF (15) RRHs
- INSTALLATION OF (6) DC POWER TRUNKS
- INSTALLATION OF (3) FIBER TRUNKS

GROUND SCOPE OF WORK:

- INSTALLATION OF H-FRAME
- INSTALLATION OF STEEL WALK IN CABINET (WIC)
- INSTALLATION OF (2) DC12s
- INSTALLATION OF 30KW GENERATOR
- INSTALLATION OF (1) WIC COMBO GENERATOR
- PLATFORM GRAVITY MOUNT KIT
- INSTALLATION OF ICE BRIDGE

In an effort to reduce the amount of towers in a given area, this existing site was chosen for collocation. Alternative locations were not considered due to the limited number in the vicinity and this facility's proximity to E470. AT&T's intent is to improve their coverage along the highway and for the new development in the area.

Due to this being an existing facility, this application will not change the land use or overall design of the structure. Since this is an existing structure, there are no opportunities to mitigate the visual impact. The tower extension will match the existing structure. The new ground equipment will be screened by relocating existing trees. New trees to be installed if necessary.

Although the tower will be increasing in height and the compound expanding, we believe this still qualifies as an Eligible Facilities Request as defined by Section 6409. The proposed separation between the top of the existing antennas and bottom of the proposed is 5'-11", well within the Order's allowed 20' separation {Section 1.6100(b)(7)(i)}. In regards to the compound expansion, Section 1.6100(b)(6) defines "site" for towers outside of the public rights-of-way as "the current boundaries of the leased or owned property surrounding the tower and any access or utility easements currently related to the site, and, for other eligible support structures, further restricted to that area in proximity to the structure and to other transmission equipment already deployed on the ground." The area for expansion is within our existing 'site' as outlined by the Order.

Please contact Chris Regalado with any feedback.

Sincerely,
Christopher Regalado
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