



April 2, 2020

To:
El Paso County
Planning and Community Development
Department
Colorado Springs, CO 80910
(719) 520-6300

From:
Lorelei Foronda, Md7 LLC (for AT&T)
10590 W. Ocean Air Drive, Suite 300
San Diego, CA 92130
(858) 754-2151
lforonda@md7.com

Letter of Justification

Modification to an Existing AT&T Wireless Telecommunication Facility

Project Description:

AT&T seeks approval from planning to allow a modification to an existing telecommunication facility located at 11594 Hahn Rd., Calhan, CO 80808. The scope of work is as follows:

- REMOVE AND REPLACE (6) PANEL ANTENNAS
- REMOVE AND REPLACE (3) RRHS
- INSTALL (3) NEW RRHS
- RELOCATE (1) RRH FROM POSITION 2 TO POSITION 1 FOR GAMMA SECTOR
- REMOVE AND REPLACE (12) ANTENNA PIPE MOUNTS
- REMOVE (2) 7/8" COAX CABLES
- REMOVE EXISTING OBSOLETE GE INFINITY NE "M" SERIES +24V DCP (NEQ.15266) FROM SITE.
- INSTALL (1) EA. VERTIV INDOOR NETSURE 7100 -48V DCP (NEQ.19735) EQUIPPED WITH (10) EA. 2 KW -48 VDC RECTIFIERS NEQ.15930) AND (5) EA. HE 1.5 KW -48VDC/+24VDC CONVERTER MODULES (NEQ.15929).
- REMOVE (1) EA. EXISTING +24VDC BATTERY RACK FROM SITE.
- INSTALL (1) NEW VERTIV INDOOR SEISMIC RATED -48VDC VRLA BATTERY RACK (NEQ.15312).
- RE-INSTALL (20) OF (20) EA. EXISTING GNB M12V155F BATTERIES (NEQ.12090) I.E. (5) 155AHR STRINGS EACH CONFIGURES @ -48VDC NOMINAL TO PROVIDE 4.35 HRS OF BATTERY RESERVE CAPACITY.
- INSTALL (1) NEW NOKIA 5G NR (ASKIK C-1) FSM BBU (CEQ.20975)
- INSTALL (2) 50A BREAKERS FOR FSM4, (3) 25 AMP BREAKERS FOR AHCA & (3) 50 AMP BREAKERS FOR AHLBA RRH.
- INSTALL (1) DC6-48-60+18-8F RAYCAP WITH (1) FIBER LINE AND (2) 8 AWC DC LINES.
- INSTALL (3) SUPPORT KICKERS FOR NEW ANTENNAS.
- INSTALL (1) COMMSCOPE POWERSHIFT SHELF AND MODULES
- REPLACEMENT OF EXISTING PIPE MOUNTS WITH PROPOSED PIP 2.0 SCH. 80.
- ADD KICKER SUPPORT ON ALL UNSUPPORTED PIPE MOUNTS WHERE AN ANTENNA IS PROPOSED. THE KICKER MUST BE A GR.36 L3X3X3 ANGLE ATTACHED 2 AWAY FROM THE TOP OF THE PIPE WITH A 1/2" A307 U-BOLT. SAME CONNECTION FOR THE BACK OF THE TIEBACK THE UNBRACED LENGTH OF THE KICKER SHOULD NOT EXCEED 12 FT.

Confirm address. El Paso county tax assessors office has this location addressed as 11598 Hahn Road

AT&T's self-support tower, wireless telecommunication facility, is significantly set back from the public right-of-way. AT&T's equipment needs to be upgraded to better service the public as the current technology is out of date. We will be making a simple swap of 6 older antennas for 6 new antennas to give the surrounding communities a better quality of service. The 3 RRHs will help with the effectiveness of

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these antennas and their reach to be amplified. This is necessary to keep the facility running at full capability for the public's use. This upgrade will provide greater service to the entire community while keeping in compliance with any previously approved plans.

If there are any questions within the City or the public, I would be happy to discuss the goals of AT&T's project and answer any questions or concerns.

Sincerely,

A handwritten signature in black ink, appearing to read 'Lorelei Foronda', written in a cursive style.

Lorelei Foronda

Md7 LLC, Land Use I

O: (858) 754-2151

E: lforonda@md7.com

MD7, LLC

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