



Powder River Development Services, LLC
408 S. Eagle Rd., Suite 200
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June 6, 2022

Gregory Csapo
Project Manager
American Tower Corporation
10 Presidential Ave
Woburn, MA 01810

RE: **Zoning Permit Approved**

ATC Site/Project ID: 280851 Old Stage NC
Dish Wireless/ ID: CLFAY00378A
Project Address: 1754 Oak Grove Church Rd, Angier, NC 27501
Parcel Number: 0682-60-3009.000
Jurisdiction: Harnett County

Gregory:

Powder River Development has completed the Zoning Approval process for the above referenced site.

CityScape, a third party consultant for Harnett County has reviewed and approved the proposed scope of work.

Project Manager for CityScape, Dana Moore, has approved Harnett County's New Collocation Application for the proposed Dish Wireless project CLFAY00378A on ATC's tower 280851 Old Stage NC.

If you should have any questions, please feel free to contact me at (701) 218-0402, or hank.boeger@powderriverdev.com

Thank you for this opportunity to serve American Tower Corporation.

Best Regards,

Hank Boeger

Hank Boeger
Site Acquisition Agent

**Harnett County, North Carolina
Telecommunications Site Review
Collocation Application**

CityScape
CONSULTANTS, INC.
2423 South Orange Avenue, #317
Orlando, Florida 32806
Tel: 877-438-2851 • Fax: 877-220-4593

May 25, 2022

Mr. Jay Sikes
Harnett County Planning Services
108 E. Front Street
Lillington, NC 27546

PROVIDER/ID/NAME: Dish Wireless/ CLFAY00378A
TOWER OWNER/ID/NAME: American Tower/ 280851/ Old Stage NC, NC
ADDRESS: 1754 Oak Grove Church Road, Angier, NC, 27501
LATITUDE: 35.4518° N **LONGITUDE:** -78.7097° W
PERMIT NUMBER: LUP2203-0007

Dear Mr. Sikes,

At your request, on behalf of Harnett County, North Carolina (“County”), CityScape Consultants, Inc. (“CityScape”), in its capacity as telecommunications consultant for the County, has considered the merits of an application provided by Powder River Development Services, LLC on behalf of Dish Wireless (“Applicant”) to collocate on an existing two hundred fifty-one (251) foot *lattice* tower. The structure is owned by American Tower Corporation (ATC) and is located at 1754 Oak Grove Church Road, Angier, North Carolina, 27501. AT&T also operates from this site.

The Applicant proposes to collocate its equipment at the one hundred thirty-five (135) foot level of the tower. The proposed equipment detail is in the table below.

#	EQUIPMENT
3	Antennas: 3) JMA Wireless – MX08FR0665-21
6	Remote Radio Heads (RRH): 3) Fujitsu-TA08025-B604 3) Fujitsu-TA08025-B605
3	T-Arm Mounts with tie-backs (sector frame)
1	RDIDC-9181-PF-48 OVP
1	1.60” Hybrid cable

On the ground the Applicant proposes to add a 5’x7’ metal platform to hold the two (2) equipment cabinets along with electrical and ancillary ground equipment. Additionally, there will be a twenty-two (22) foot long ice bridge for cables connecting the tower equipment to the ground equipment. There will be no deployment outside the existing fenced in compound.

The Applicant provided a Structural Analysis Report that was prepared by Telemon Tower Engineering PLLC for ATC, dated May 13, 2022, signed and sealed by a North Carolina registered Professional Engineer. The analysis is based on ANSI/TIA-222-G, Structure Class II, Exposure Category C standards and states the structures meets the requirements per the applicable codes listed

above and the tower and foundation can support the existing and proposed equipment. The tower stress rating for all components would be 53% out of an allowable 105%.

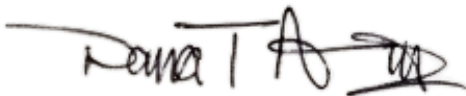
The Applicant provided a letter from ATC, the tower owner, dated February 3, 2022 stating that, at this site, Dish Wireless will comply with FCC rules regarding interference to other radio services and safeguards against human exposure of radio frequency energy.

This application qualifies as an eligible facilities request under FCC Rules (47 CFR§1.6100). To qualify, a service provider cannot substantially change the physical dimensions of the support structure (“substantial change” being defined in 47 CFR §1.6100(b) (7)), and under North Carolina state law, the ground compound cannot be expanded by more than 2,500 square feet. Neither is applicable in this situation and therefore, the proposed changes qualify for streamlined processing at staff level and *CityScape recommends approval*.

The Applicant is reminded that any planned equipment changes that differ from the submitted Construction Drawings must be filed with the County for review and approval.

I certify that, to the best of my knowledge, all the information included herein is accurate at the time of this report. CityScape only works for public entities and has unbiased opinions. All reviews are based on technical merit without prejudice per prevailing laws and codes. Regarding the structural analysis report, CityScape did verify that the proposed appurtenances shown by Applicant’s construction drawings were listed in the structural report, but we did not independently verify the calculations, statements or the appropriateness of the analysis criteria contained therein. County staff should verify compliance with applicable building and fire codes prior to issuance of a permit for this application.

Respectfully submitted,



Dana T Moore
Project Engineer
CityScape Consultants, Inc.