



AT&T Mobility
8601 W Sunrise Blvd
Plantation, FL 33322

RE: Documentation in support of need for new AT&T site at or near the location of the proposed Key West Telco tower at 5610 College Rd.

Summary

AT&T has an existing and ongoing need for a new facility in the northern half of Stock Island to improve coverage and service experience for our customers in the vicinity. Some of the locations with poor service that the proposed site would address include: Monroe County Sheriff's office and Building Department, FL Keys Memorial Hospital, FL Keys Community College, and the residential area of Raccoon Key. The proposed Key West Telco tower at 5610 College Rd is of sufficient height and in a proper location to address these needs for AT&T.

The following pages contain information to satisfy the requirements found in the Monroe County Code:

- 1) Proof of FCC license to transmit in the County.
- 2) Location of existing wireless communications facilities to which the proposed facility will be a handoff candidate, including lon / lat / power level of each.
- 3) A radio frequency plot indicating the coverage of existing wireless communications and the proposed site including search area, coverage prediction, and design radius.

Sincerely,

A handwritten signature in black ink, appearing to read "Maiko Llanes".

Maiko Llanes, PE
RF Design Engineer
AT&T Mobility



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1) Proof of FCC license to transmit in the County.

Note,

AT&T holds several other Licenses in the area, including KNLG485- PCS D, WPVC979-PCS A, WPSJ791, and WPWV332 but these are omitted for brevity.

ULS License

Cellular License - KNKN793 - NEW CINGULAR WIRELESS PCS, LLC

PA This license has pending applications: 0004325256

Call Sign	KNKN793	Radio Service	CL - Cellular
Status	Active	Auth Type	Regular

Market

Market	CMA370 - Florida 11 - Monroe	Channel Block	B
Submarket	0	Phase	2

Dates

Grant	10/06/2009	Expiration	10/01/2019
Effective	03/16/2010	Cancellation	

Five Year Buildout Date

09/20/1995

Control Points

1 1841 NW 22ND STREET, FORT LAUDERDALE, FL
P: (954)486-1717

Licensee

FRN	0003291192	Type	Limited Liability Company
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Licensee

NEW CINGULAR WIRELESS PCS, LLC 5601 LEGACY DRIVE, MS: A-3 PLANO, TX 75024 ATTN FCC Group	P:(469)229-7471 F:(469)229-7297 E:LG5201@ATT.COM
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Contact

AT&T MOBILITY LLC Michael P Goggin 1120 20th Street, NW, Suite 1000 Washington, DC 20036 ATTN Michael P. Goggin	P:(202)457-2055 F:(202)457-3074 E:MG7268@att.com
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- 2) Location of existing wireless communications facilities to which the proposed facility will be a handoff candidate, including lon / lat / power level of each.

Name	Latitude	Longitude	Power Level (Pilot Eirp)
STKEY	24.5636	-81.7348	47 dBm/ (50w)
EAST KEY WEST	24.5657	-81.7681	47 dBm (50w)
SUKEY	24.59602	-81.661	47 dBm (50w)

- 3) A radio frequency plot indicating the coverage of existing wireless communications and the proposed site including search area, coverage prediction, and design radius.

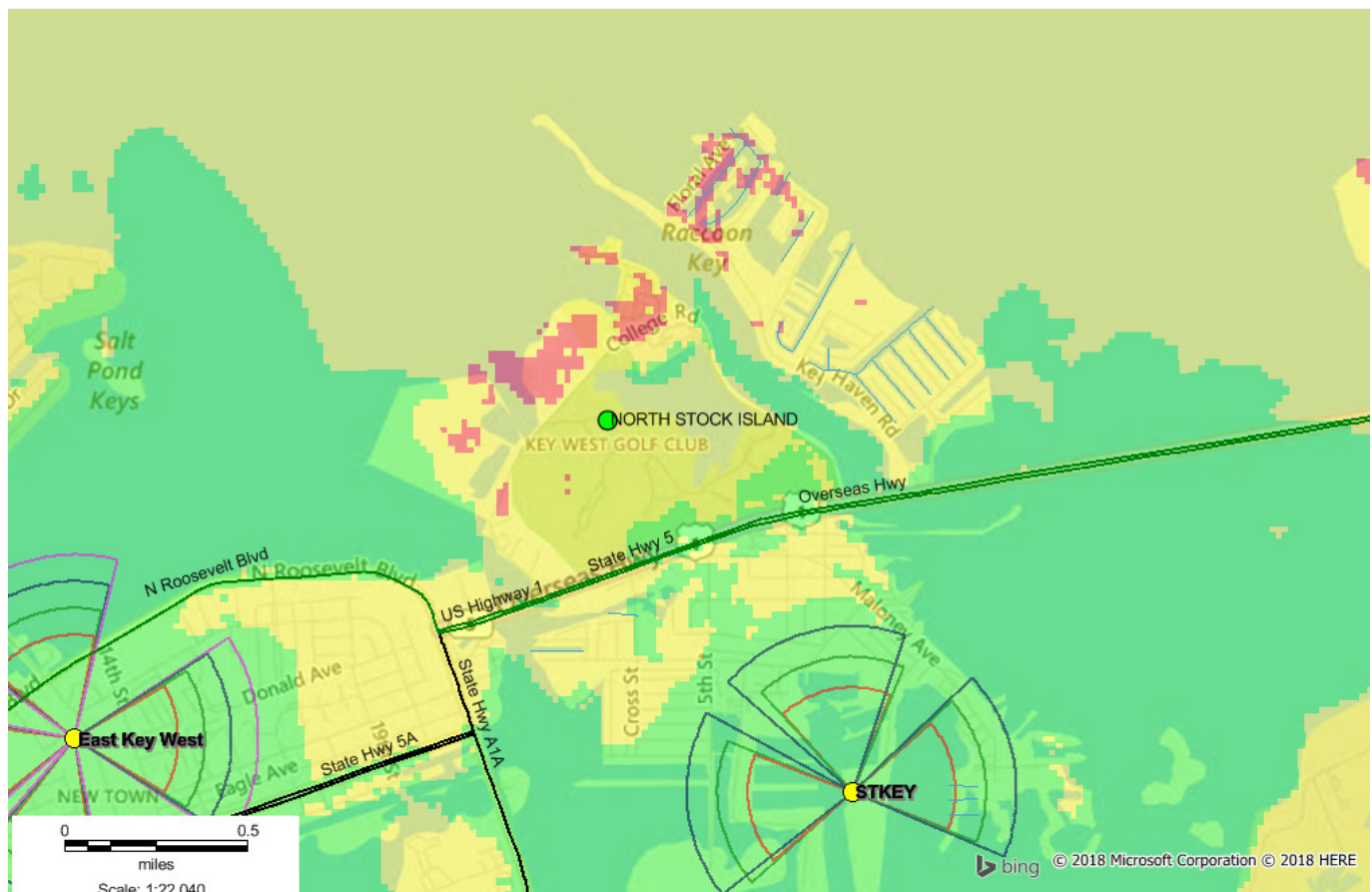
Below are two maps showing AT&T's current coverage and a simulation of the coverage provided by the proposed tower.

Existing coverage:

Green = good outdoor and indoor service

Yellow = useable outdoor, marginal indoor service

Red = marginal outdoor, poor to no indoor service





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Coverage with proposed site (125' antenna CL):

Green = good outdoor and indoor service
Yellow = useable outdoor, marginal indoor service
Red = marginal outdoor, poor to no indoor service

