

**STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL**

RE: APPLICATION BY T-MOBILE
NORTHEAST, LLC FOR A
CERTIFICATE OF ENVIRONMENTAL
COMPATIBILITY AND PUBLIC NEED
FOR A TELECOMMUNICATIONS FACILITY
AT 232 SHORE ROAD IN THE TOWN
OF OLD LYME, CONNECTICUT

DOCKET NO. 391

Date: February 24, 2010

SUPPLEMENTAL PRE-FILED TESTIMONY OF SCOTT HEFFERNAN

The following pre-filed testimony supplements my pre-filed testimony filed on January 28, 2010, in connection with the above-captioned matter.

Q13. Pursuant to the request of the Connecticut Siting Council, did you perform additional coverage analysis regarding the proposed telecommunications facility at 232 Shore Road, Old Lyme?

A13. Yes. Pursuant to the request of the Connecticut Siting Council, I performed additional coverage analysis of the proposed telecommunications facility at 232 Shore Road, Old Lyme ("Self-Storage Site"). Specifically, I assessed the coverage footprint of the Self-Storage Site at various heights above the current proposed height (100 feet). I considered the coverage footprint of the Self-Storage Site at 120, 140, 160 and 180 feet. I also evaluated whether an increase in height of the Self-Storage Site would obviate the need for the two other proposed telecommunications facilities located at 387 Shore Road, Old Lyme ("Laundromat Site") and 61-1 Buttonball Road, Old Lyme ("Commercial Complex Site").

Q14. Would increasing the height of the Self-Storage Site up to 180 feet obviate the need for the Laundromat Site and/or the Commercial Complex Site?

A14. No. Increasing the height of the Self-Storage Site would not obviate the need for the Laundromat Site and/or the Commercial Complex Site. Please see the propagation plots appended hereto as Attachment A. The propagation plots depict the coverage area of the Self-Storage Site at heights of 120, 140, 160 and 180 feet. Even at a height of 180 feet, the Self Storage Site would not provide sufficient coverage to the coverage objectives associated with the Laundromat Site and the Commercial Complex Site.

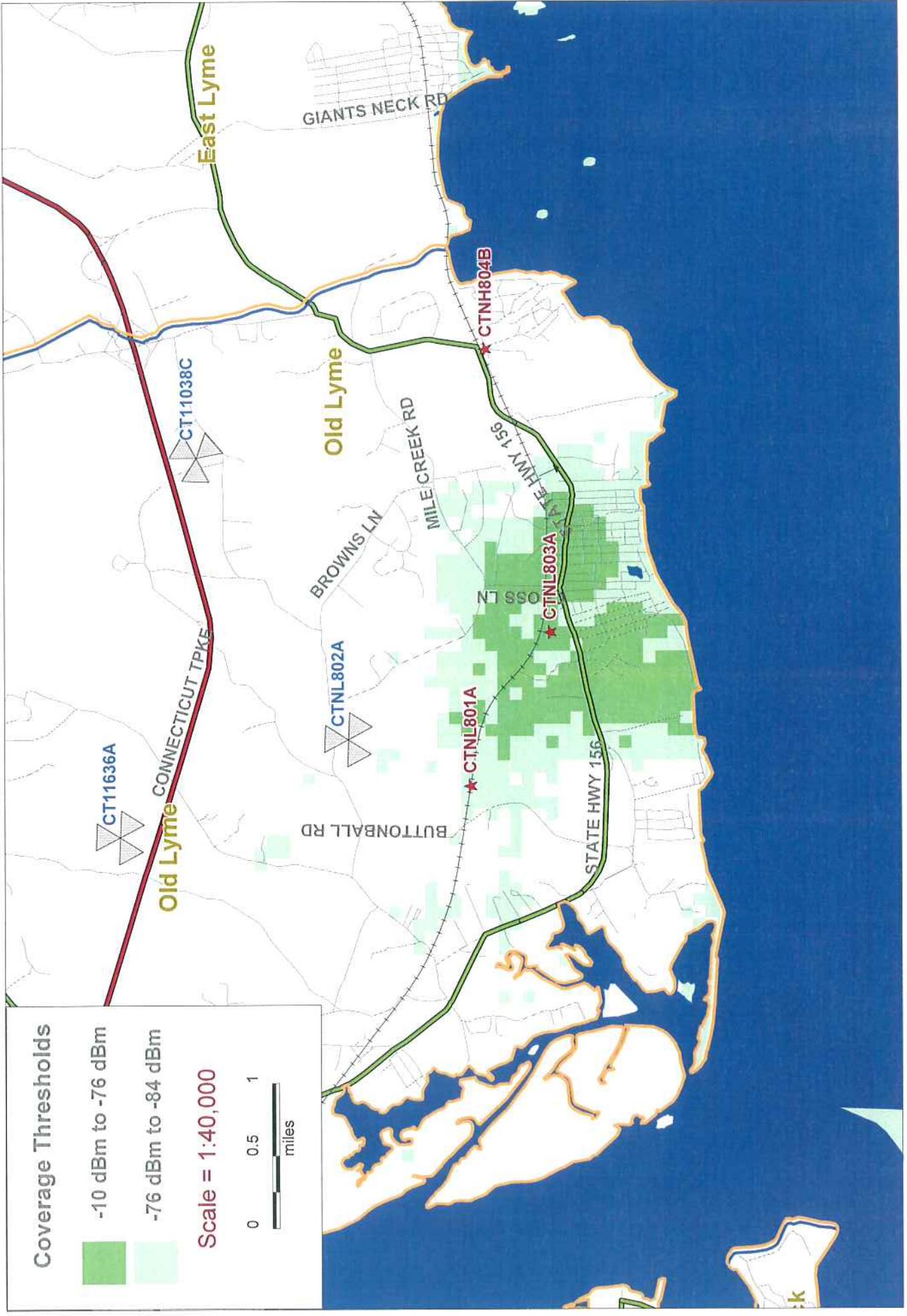


Scott Heffernan

Sworn and subscribed to before me this
___ day of February, 2010.

Notary Public
My Commission expires

ATTACHMENT A



Coverage Thresholds

- 10 dBm to -76 dBm
- 76 dBm to -84 dBm

Scale = 1:40,000

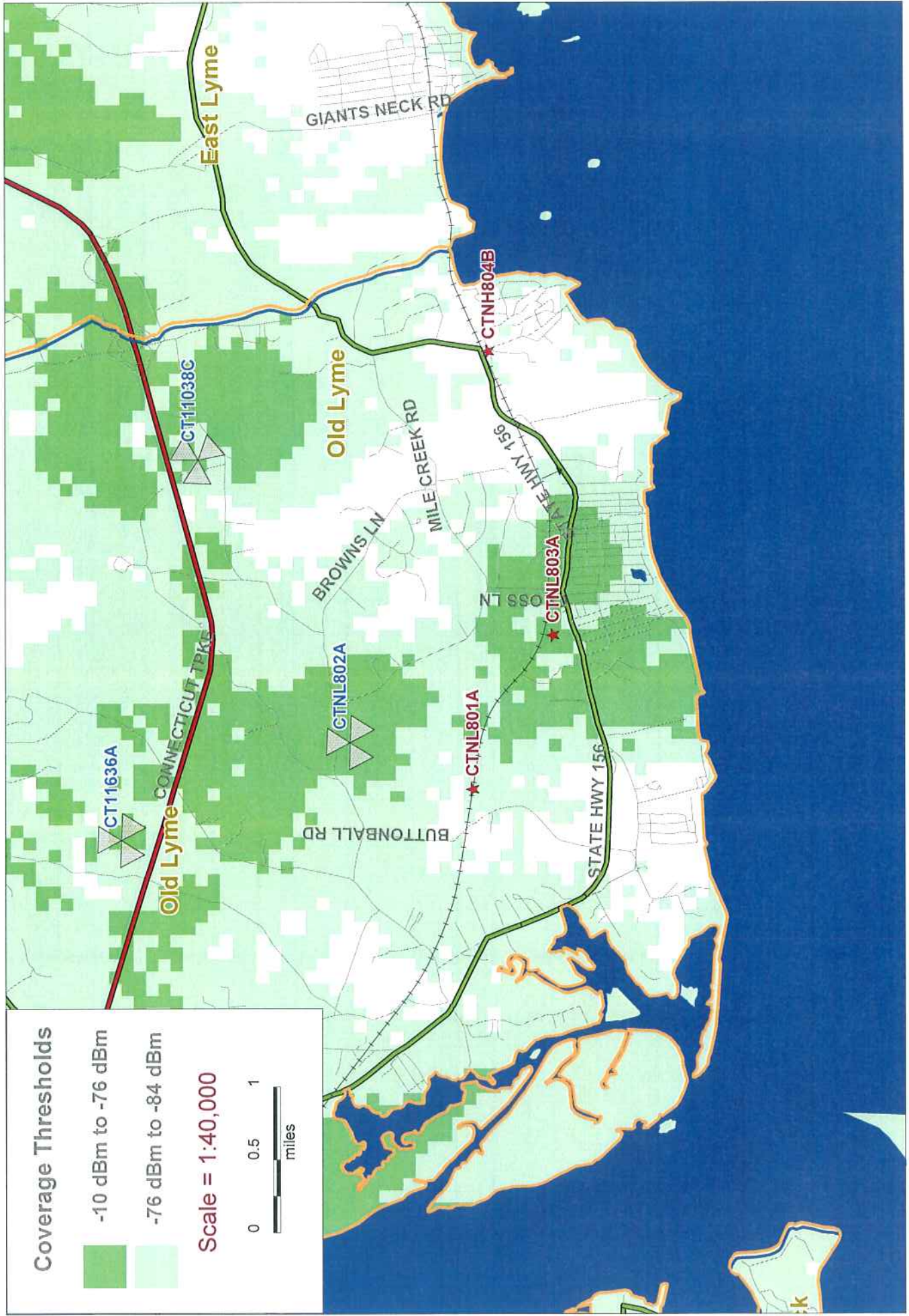


Coverage Thresholds
 Dark Green - In Building Coverage
 Light Green - In Vehicle Coverage

Proposed CTNL803A facility @ 120'

- T-Mobile -





Coverage Thresholds
 Dark Green - In Building Coverage
 Light Green - In Vehicle Coverage

Existing T-Mobile On Air Coverage
 With Proposed CTNL803A @ 120'

- T-Mobile -





Coverage Thresholds

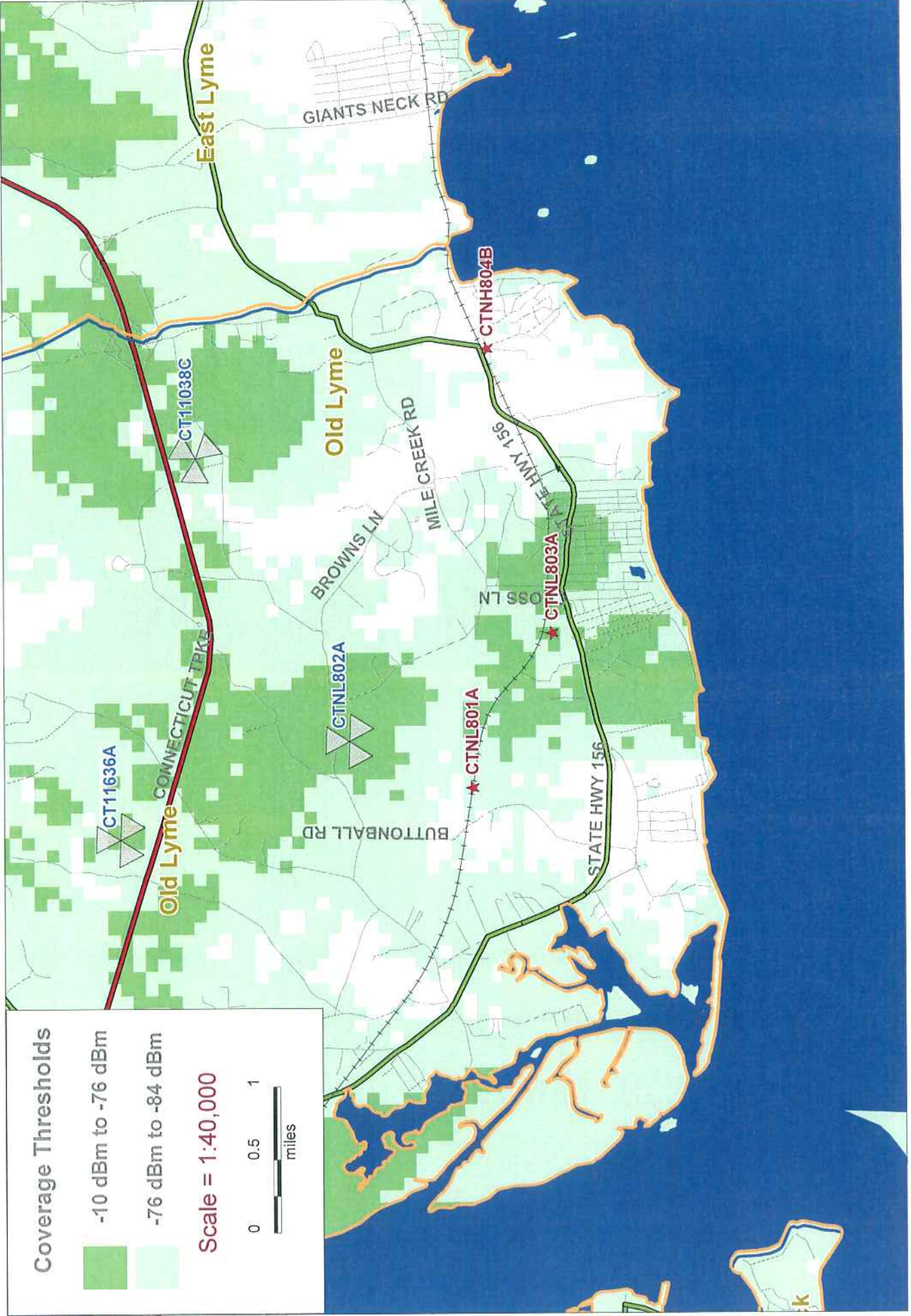
- 10 dBm to -76 dBm
- 76 dBm to -84 dBm

Scale = 1:40,000



Coverage Thresholds
 Dark Green - In Building Coverage
 Light Green - In Vehicle Coverage

- T-Mobile - Proposed CTNL803A facility @ 140'



Coverage Thresholds

- 10 dBm to -76 dBm
- 76 dBm to -84 dBm

Scale = 1:140,000



Coverage Thresholds
 Dark Green - In Building Coverage
 Light Green - In Vehicle Coverage

Existing T-Mobile On Air Coverage
 With Proposed CTNL803A @ 140'

- **T-Mobile** -

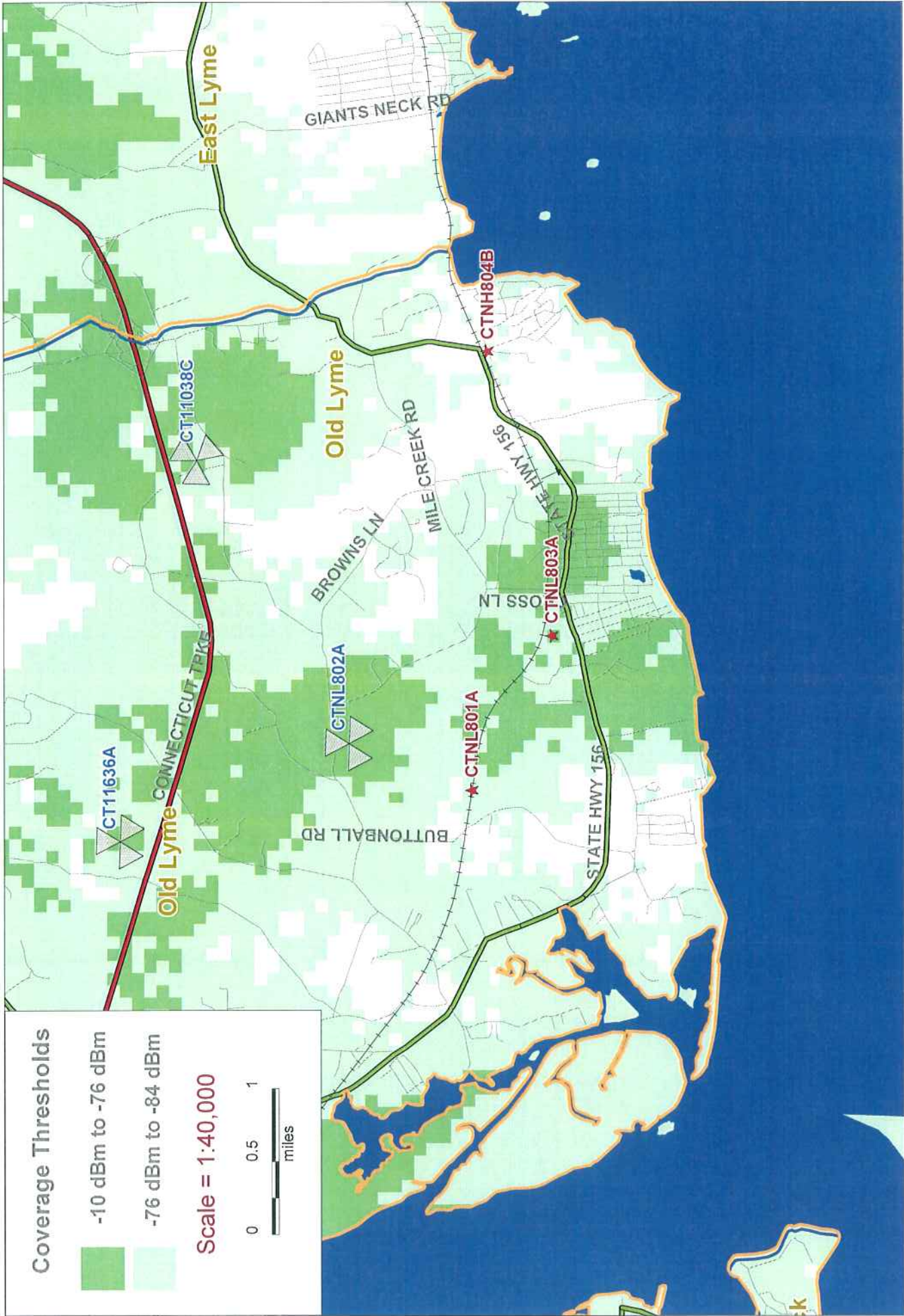




Coverage Thresholds
 Dark Green - In Building Coverage
 Light Green - In Vehicle Coverage

- T-Mobile - Proposed CTNL803A facility @ 160'





Coverage Thresholds

-10 dBm to -76 dBm

-76 dBm to -84 dBm

Scale = 1:40,000

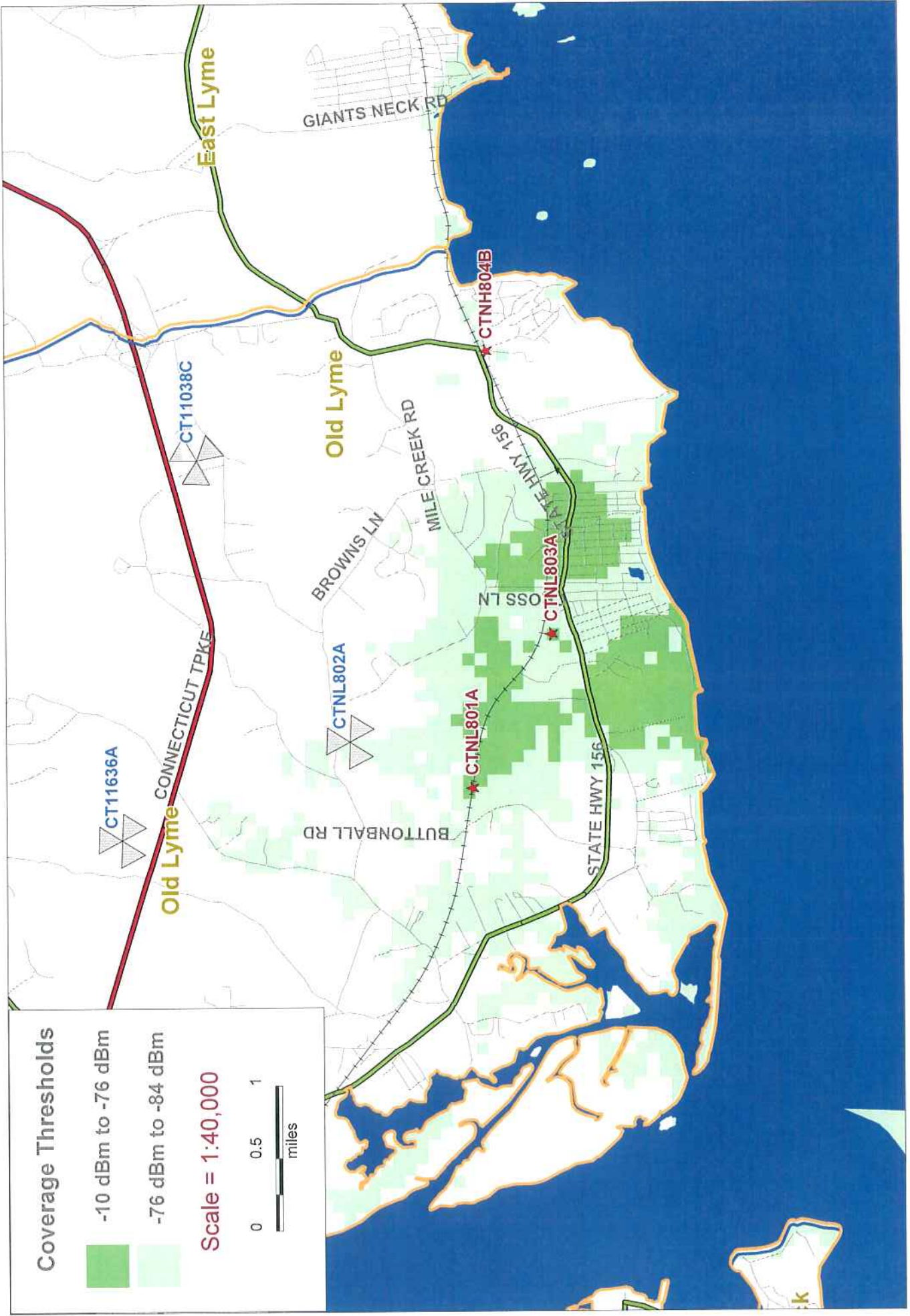


Coverage Thresholds
 Dark Green - In Building Coverage
 Light Green - In Vehicle Coverage

Existing T-Mobile On Air Coverage
 With Proposed CTNL803A @ 160'

- **T** -Mobile--

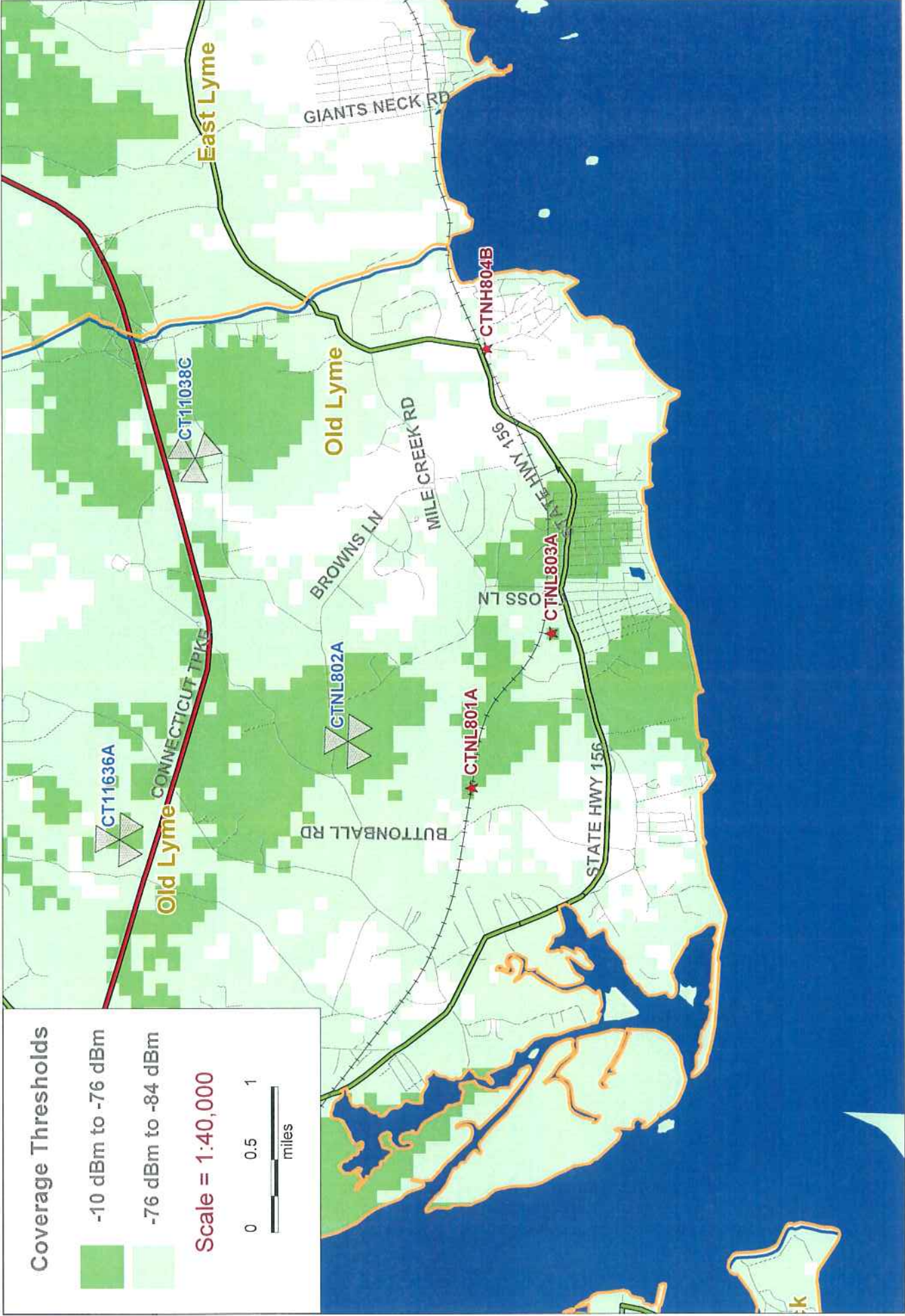




Coverage Thresholds
 Dark Green - In Building Coverage
 Light Green - In Vehicle Coverage

- **T-Mobile** -
 Proposed CTNL803A facility @ 180°



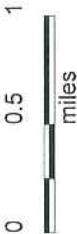


Coverage Thresholds

-10 dBm to -76 dBm

-76 dBm to -84 dBm

Scale = 1:40,000



Coverage Thresholds
 Dark Green - In Building Coverage
 Light Green - In Vehicle Coverage

Existing T-Mobile On Air Coverage
 With Proposed CTNL803A @ 180'

- **T-Mobile** -

