Difference Between Towers and Their Coverage

WIL02047 TOWER INFO (Martinson)

- Ground elevation 1003’
- RAD OF 193’
- Delta between SBA and this proposed site is 73’.
- Mobile service will cover the areas needing mobile coverage most.
- Broadband internet service (WLL) meets the CAF II requirements to the east.

SBA TOWER INFO (Collocation)

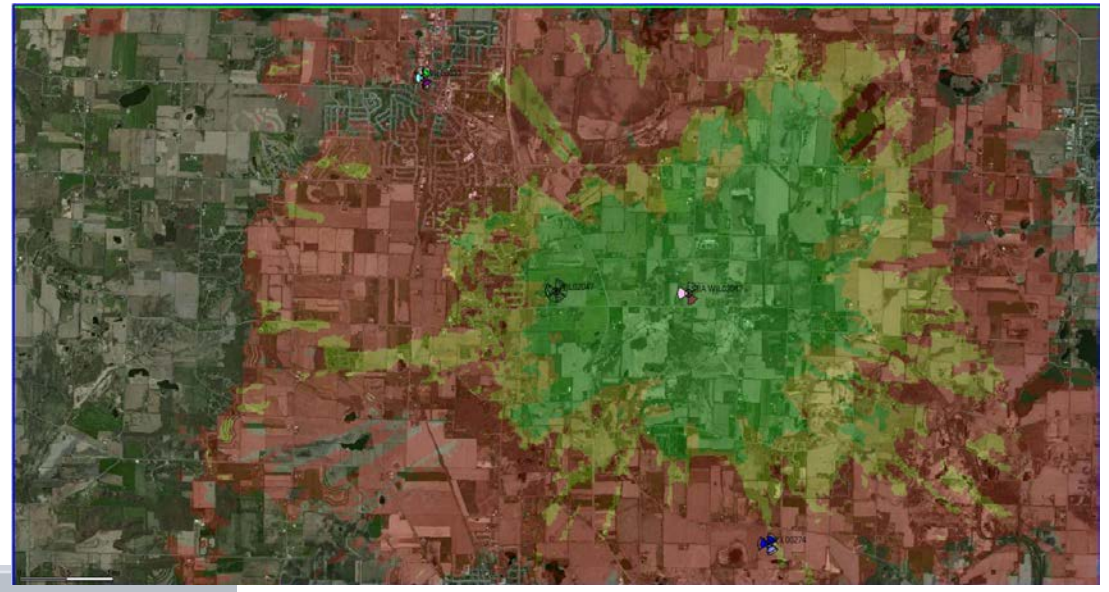
- Ground elevation 958’
- RAD OF 160’
- This SBA site would be 73’ lower than the proposed Martinson site.
- Mobile coverage falls short along Highway 14 and County Road MM. This location pulls mobile service away from the area that needs it most to the west.
- Broadband internet service at this location causes radio interference with two other existing towers AT&T is planning to use to assist in serving the designated CAF II area in the Town of Dunn, resulting in a negative impact on the WLL coverage required by the government.

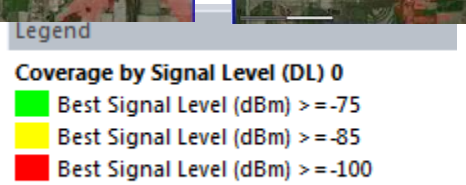
*** Both sites are shown using the same antennas and radio equipment to show the difference in coverage and to remove any bias.**

Proposed AT&T Mobile Service Coverage (Satellite View)

Proposed Site PCS Propagation at 193’ (Martinson)

SBA Tower PCS Propagation at 160’ (Collocation to East)

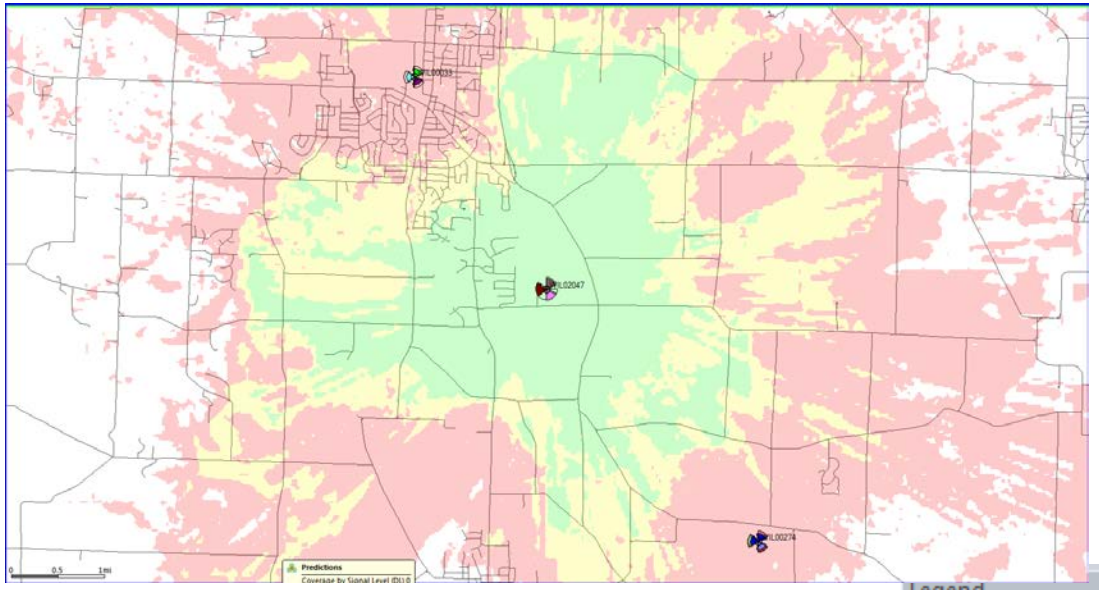




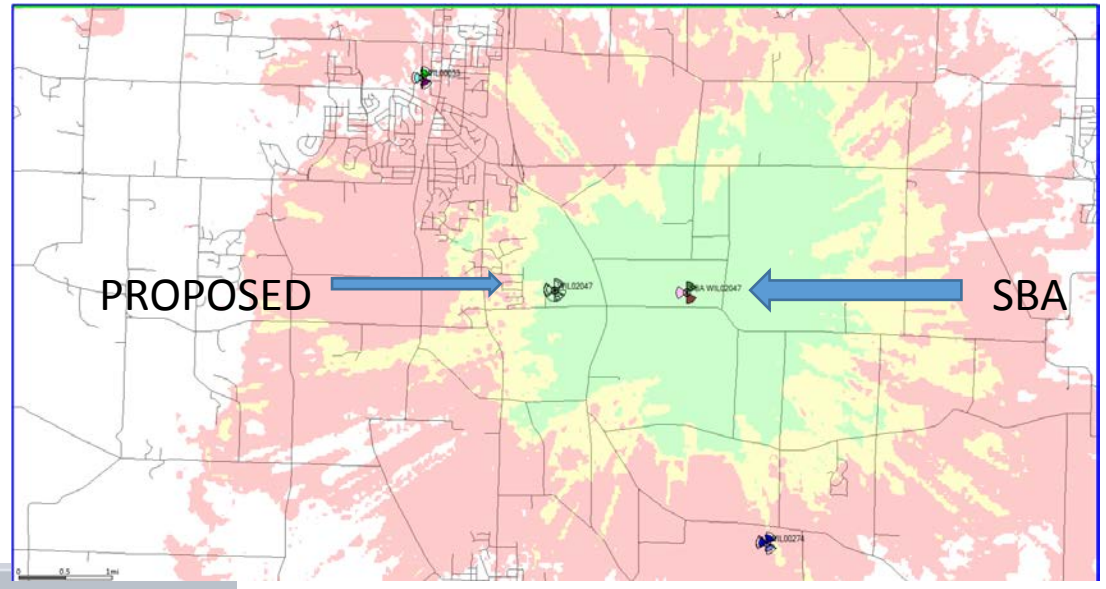
NORTH

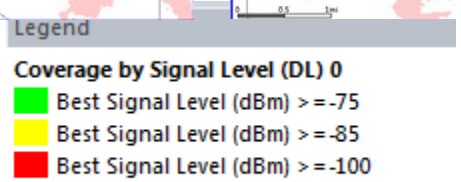
Proposed AT&T Mobile Service Coverage (Street View)

Proposed Site PCS Propagation at 193’ (Martinson)



SBA Tower PCS Propagation at 160’ (Collocation to East)

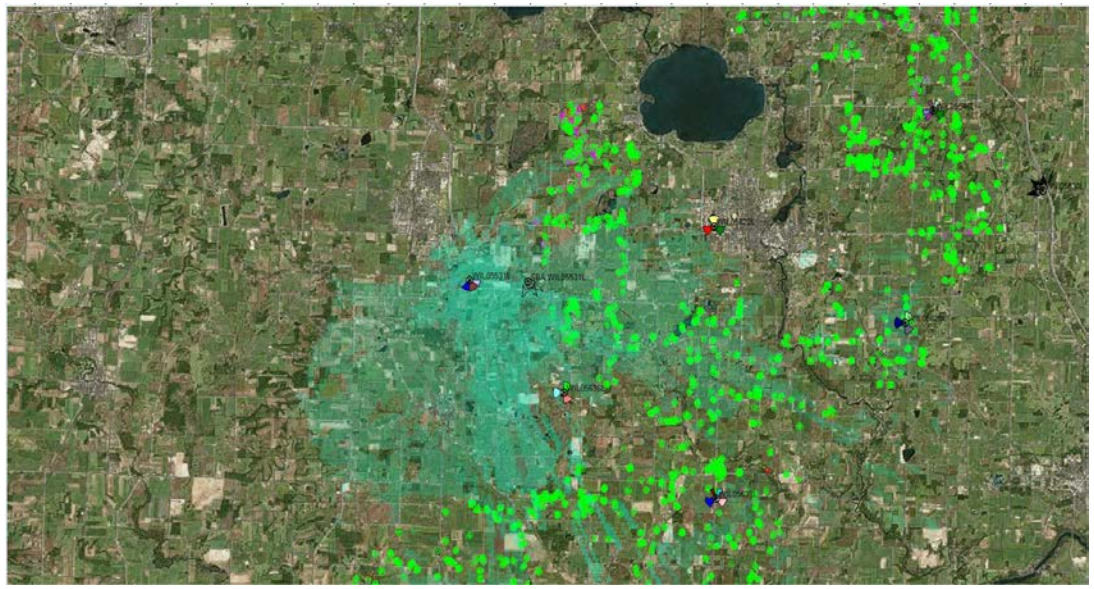




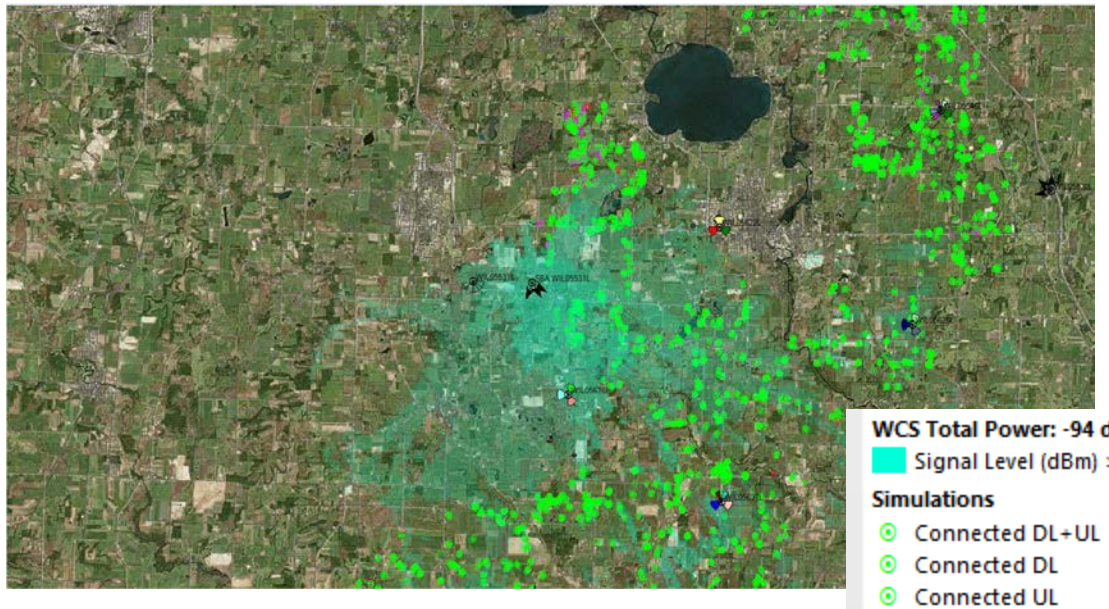
NORTH

Proposed AT&T Wireless Local Loop (WLL) Broadband Coverage

Proposed Site WCS Propagation at 193’ WLL (Martinson)



SBA Tower WCS Propagation at 160’ WLL (Collocation to East)



NORTH