

The Problem

The map below illustrates the combined capacity for AT&T, Verizon and T-Mobile in the Township. The red/black areas in the map represent unreliable capacity, while the yellow areas represent reliable capacity.

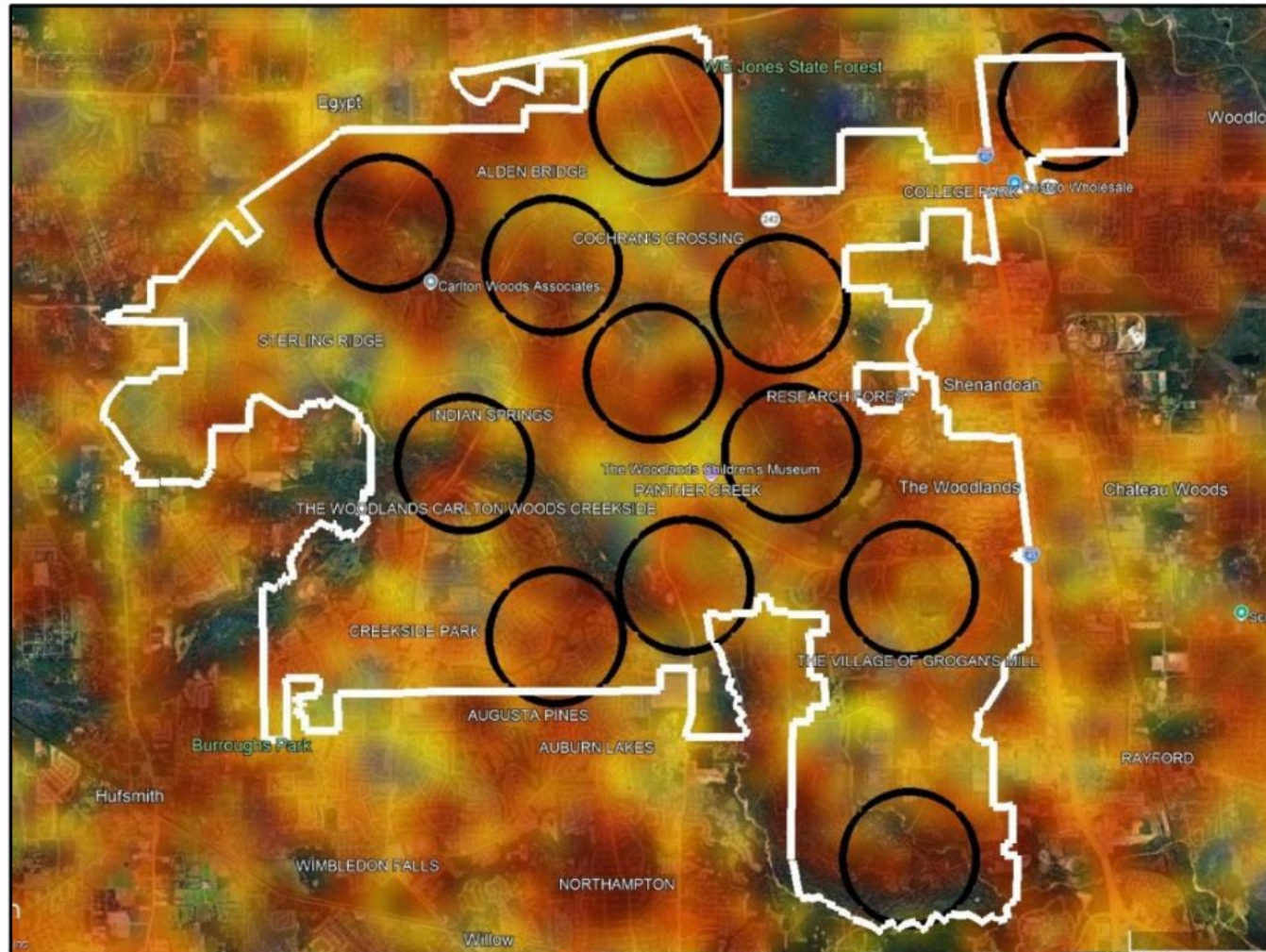


Figure 2: Composite Carrier Capacity Within The Woodlands Township

Existing Towers

The coverage and capacity gaps in the Township can be largely attributed to the lack of wireless infrastructure in those areas. The green markers in the map below show existing carrier infrastructure.

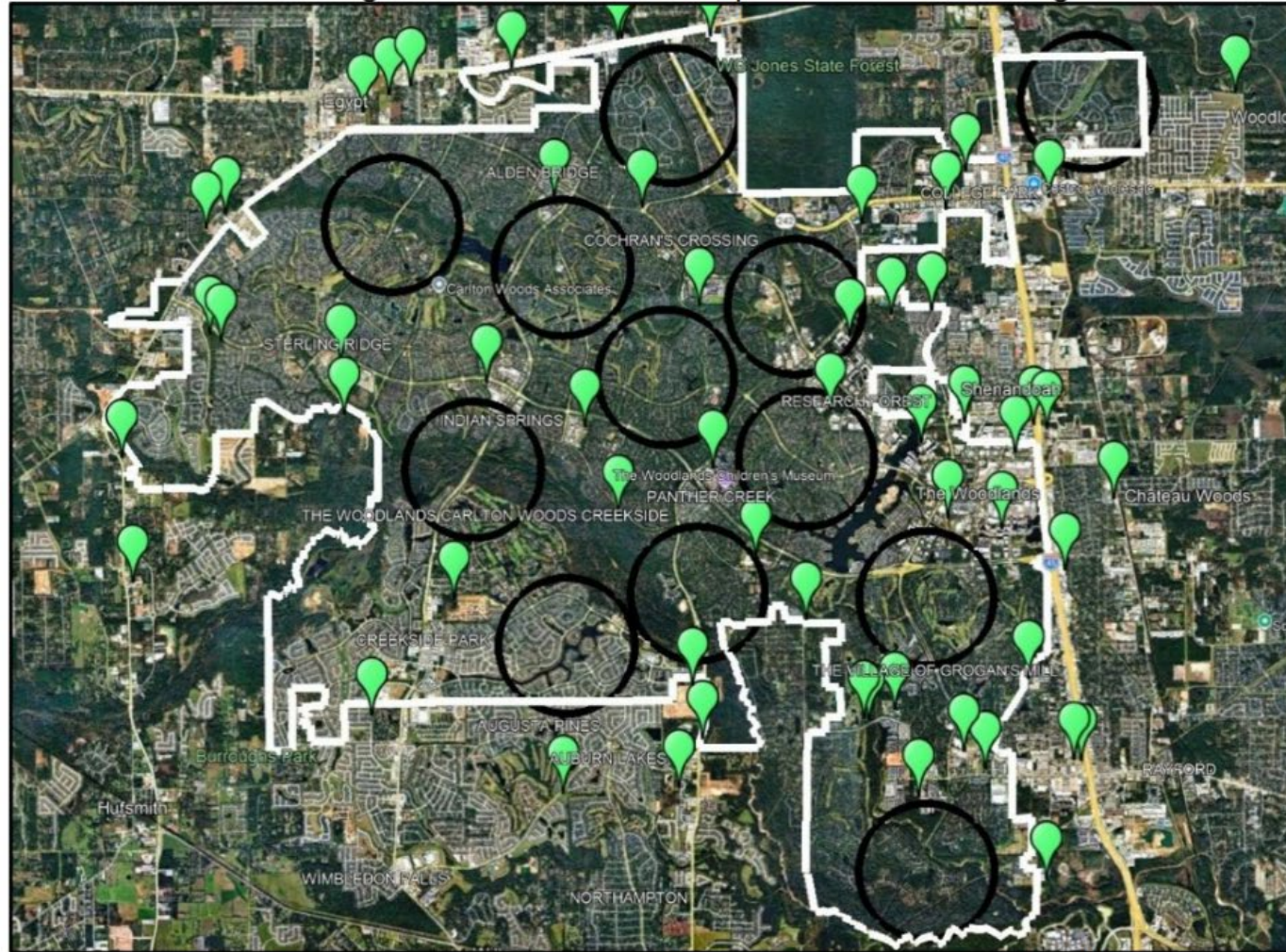


Figure 3: Existing Wireless Carrier Assets Within and Near The Woodlands Township

Proposed Sites

Next, the map below shows the ten proposed RFP sites and where those sites are in relation to the identified coverage and capacity gaps.

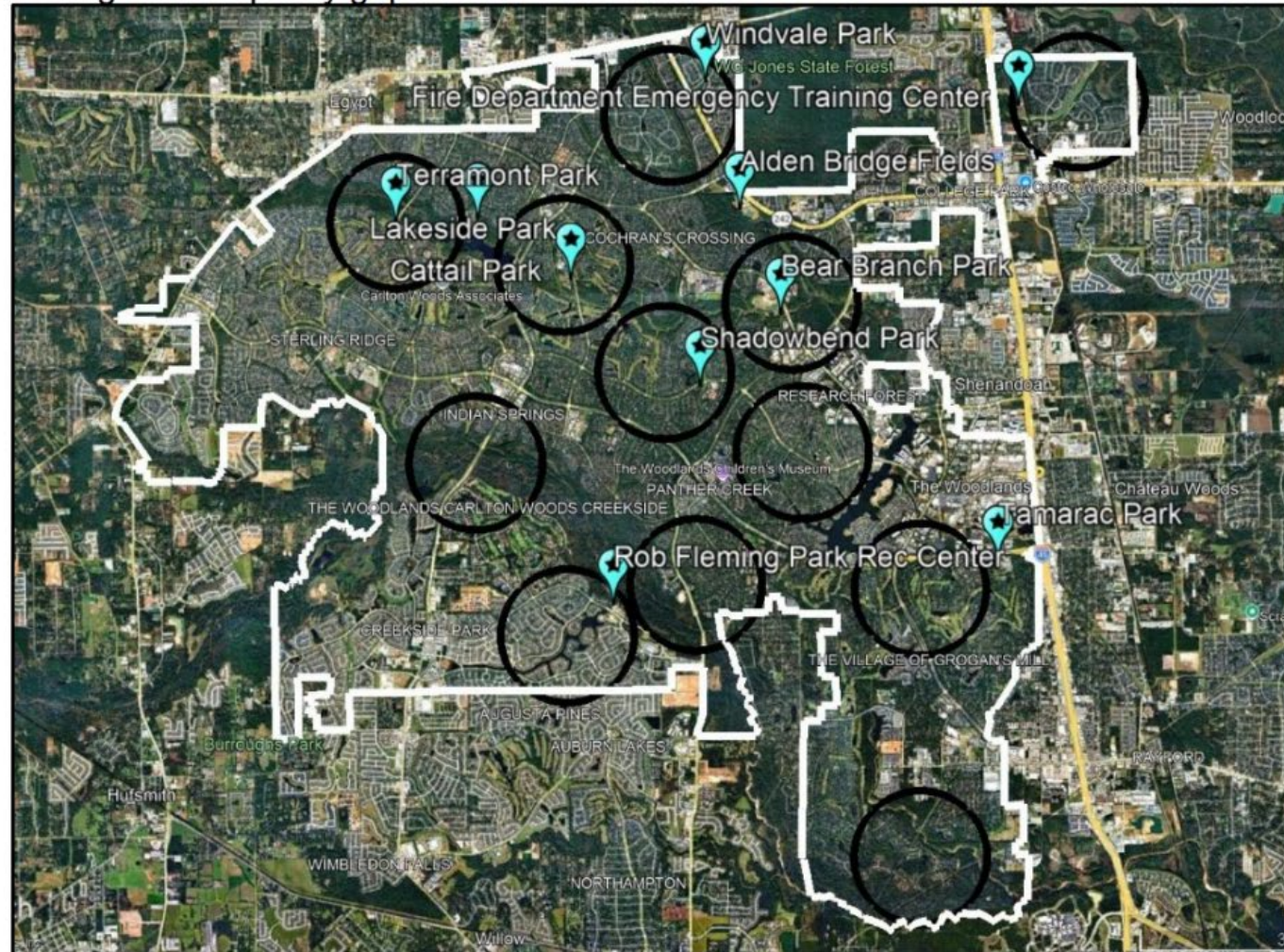
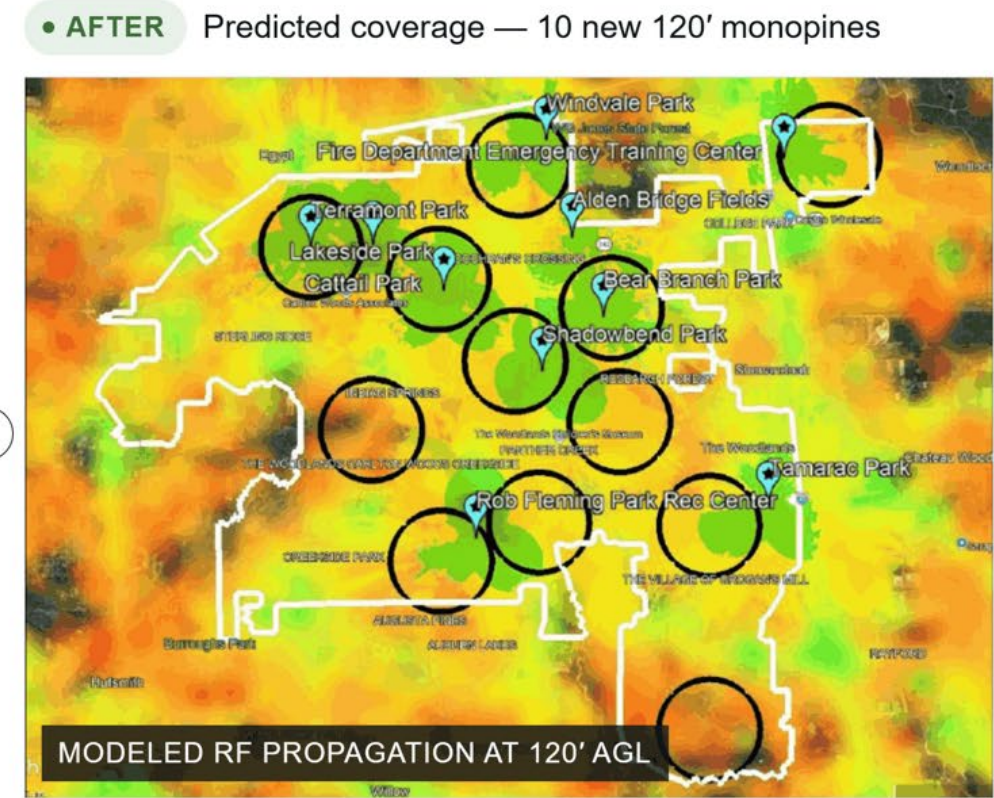
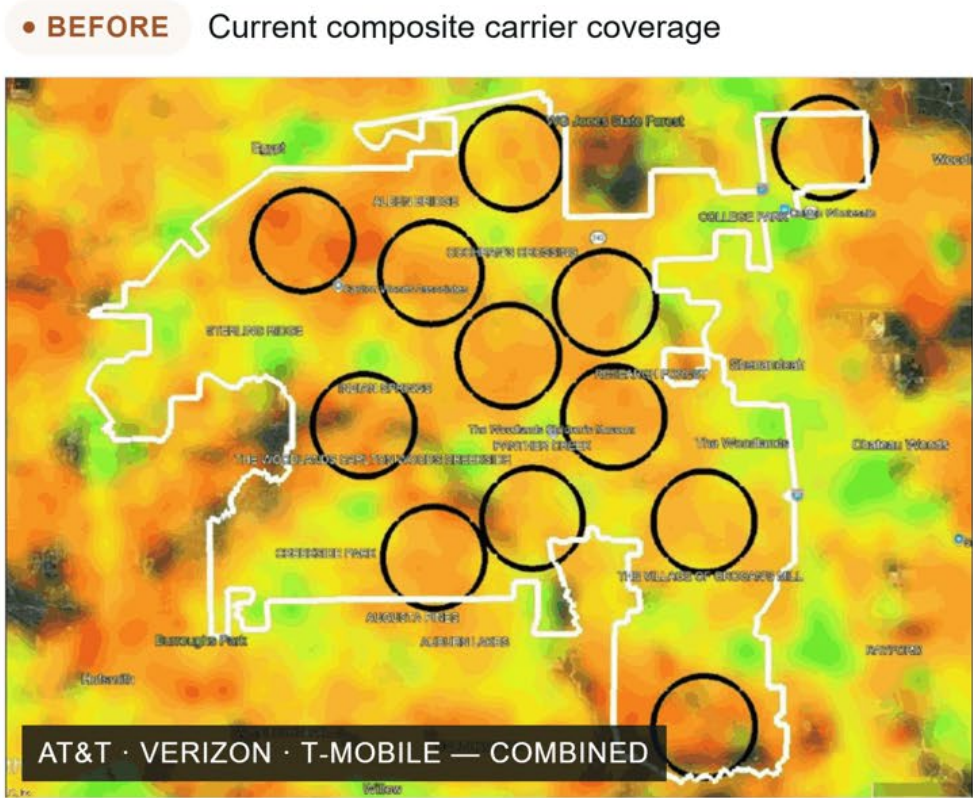


Figure 4: Ten Proposed RFP Sites

Coverage today vs. with 10 proposed monopine sites



Unreliable signal Reliable signal Identified problem area
Proposed tower site

10 PROPOSED SITES **120'** MONOPINE HEIGHT **3** CARRIERS COMBINED