

Eco-Site & T-Mobile Plank Road Tower

VA-0003 / 7FBU103J

SUP-16-0011

Placement of a new site depends on many different factors.



Sites form an interconnected network ...

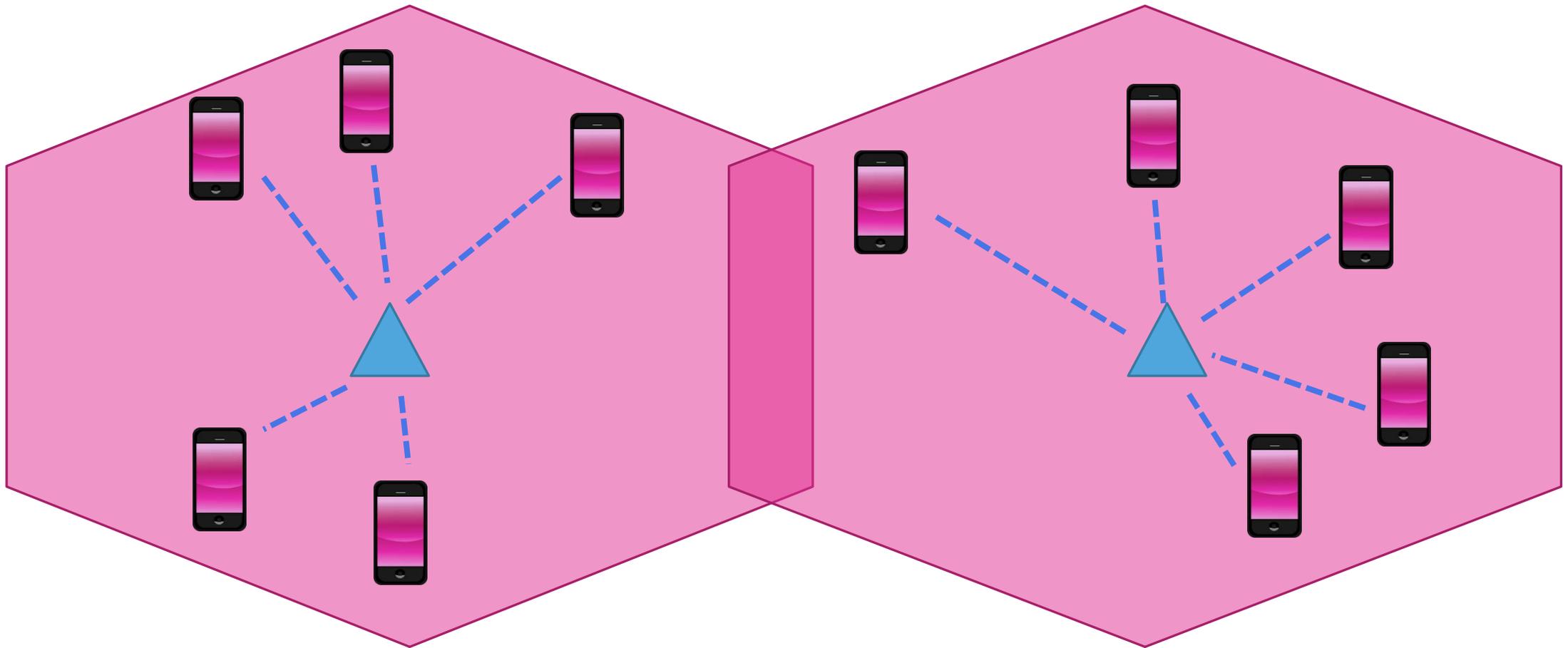
Site 1



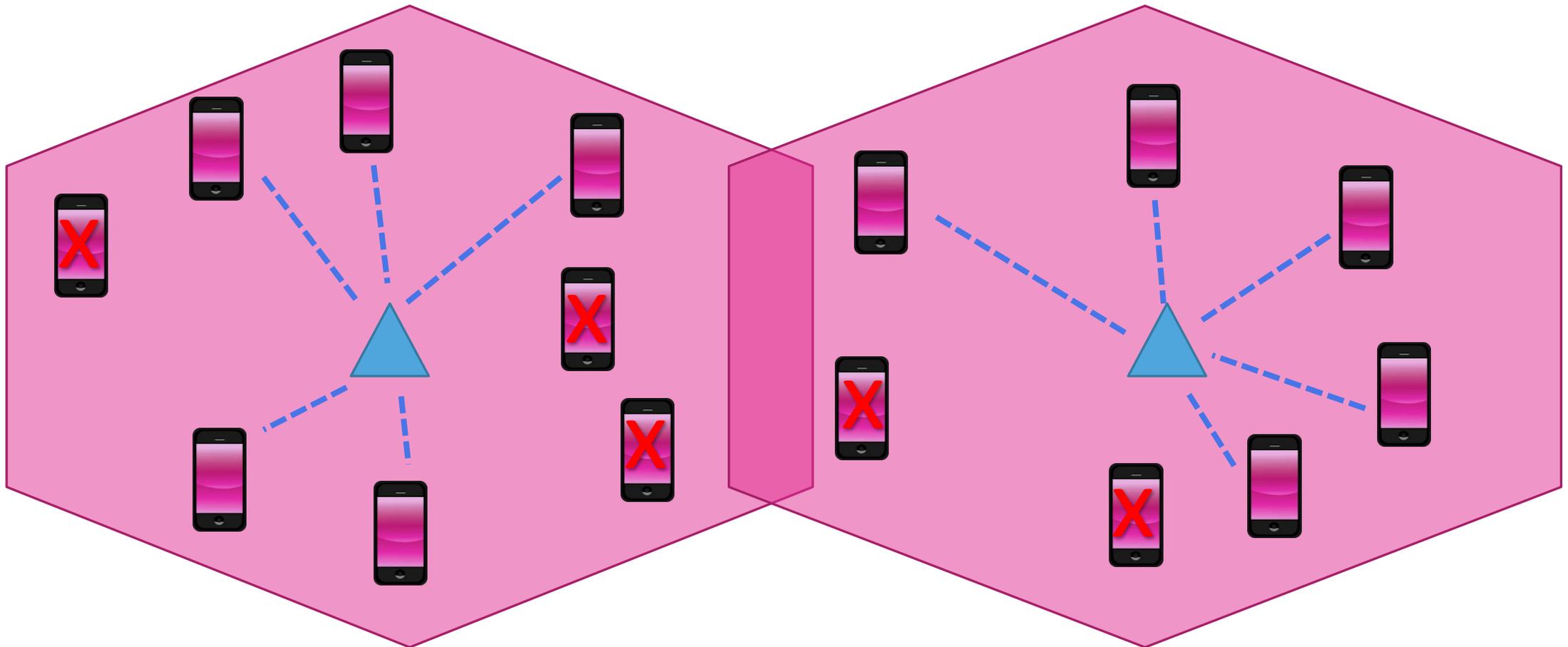
Site 2



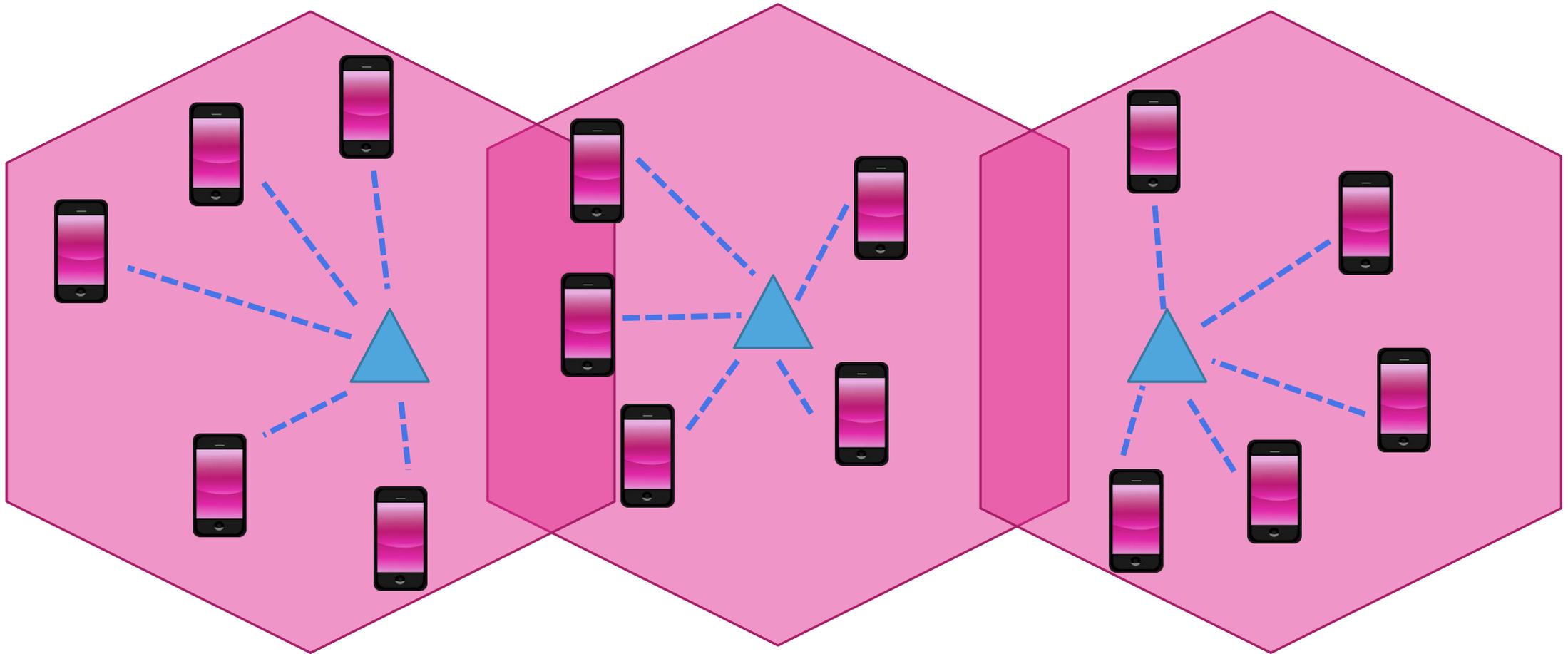
... with each site serving nearby customers.



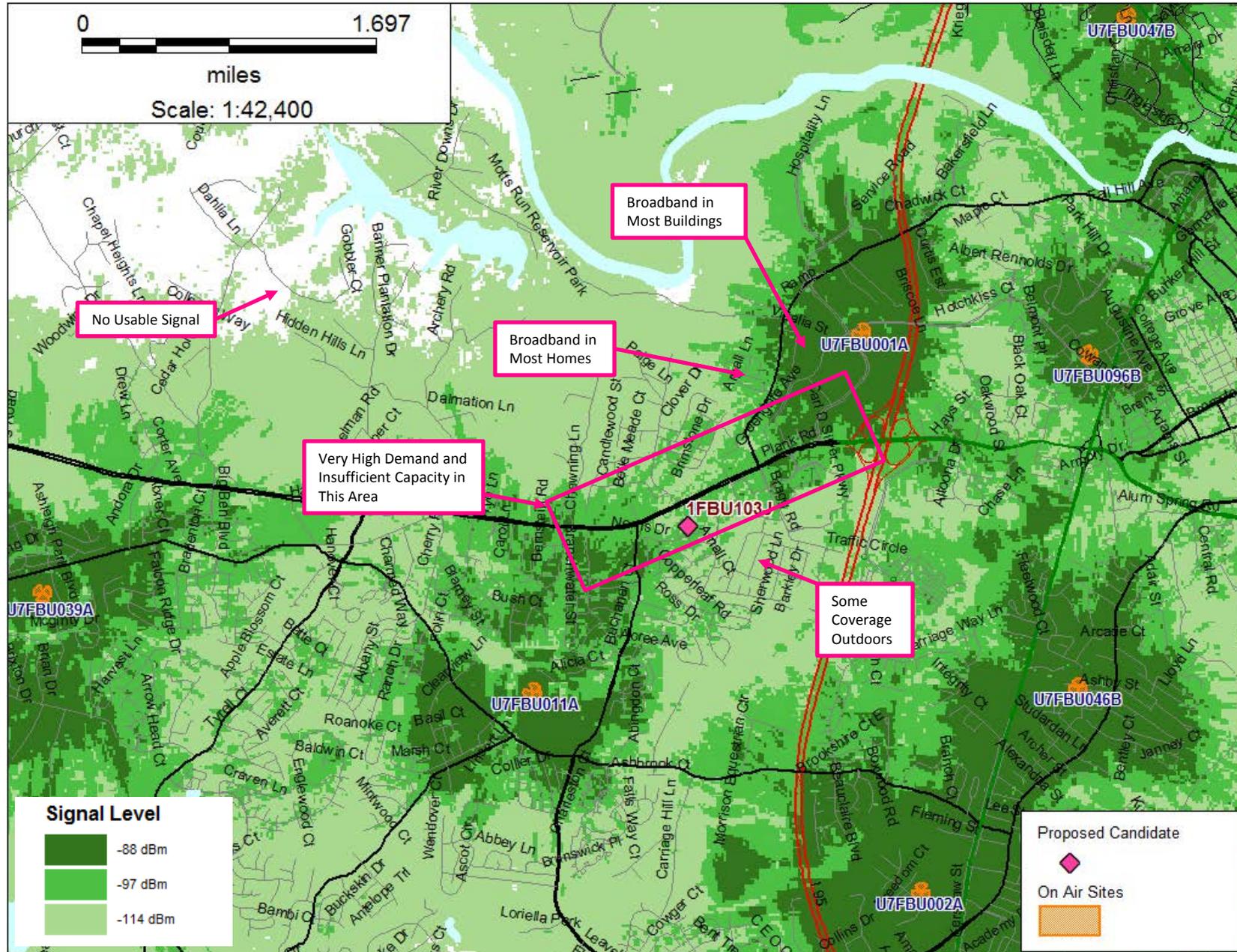
When an area is too congested, calls are dropped and data connections fail.



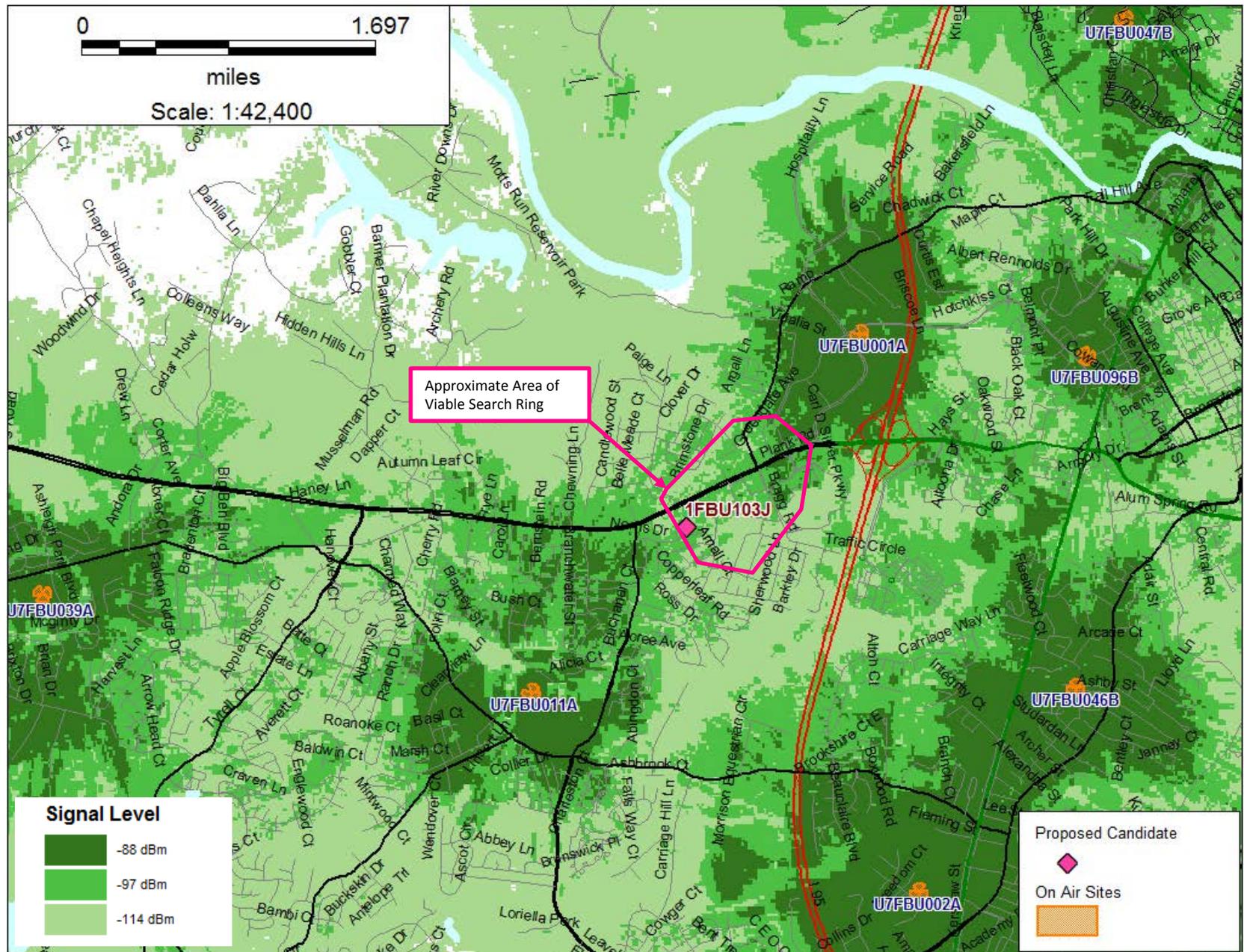
Adding a new site between the two “splits the cell” enabling more people to use the network.



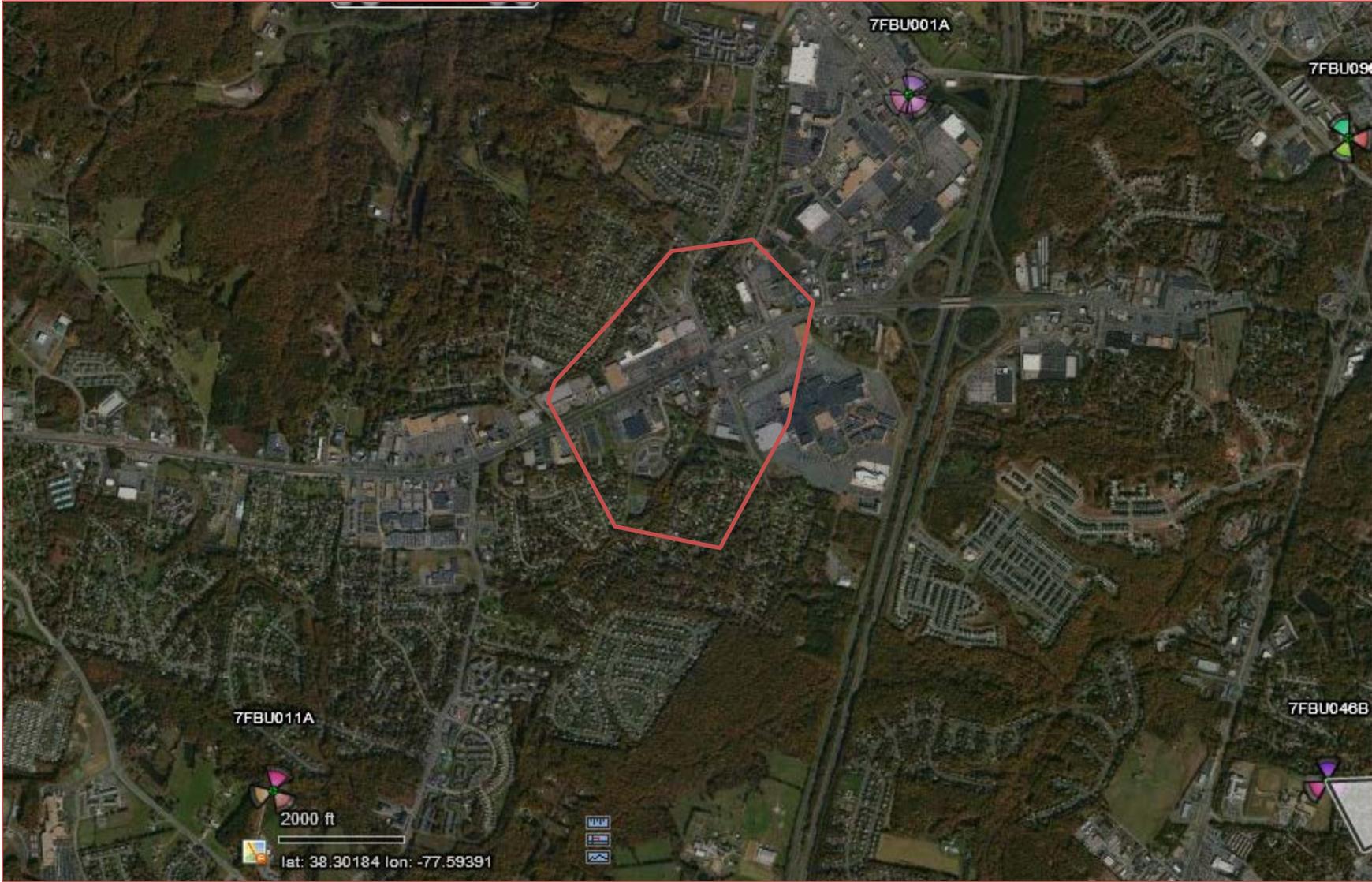
Current on-air plot WO 7FBU103J



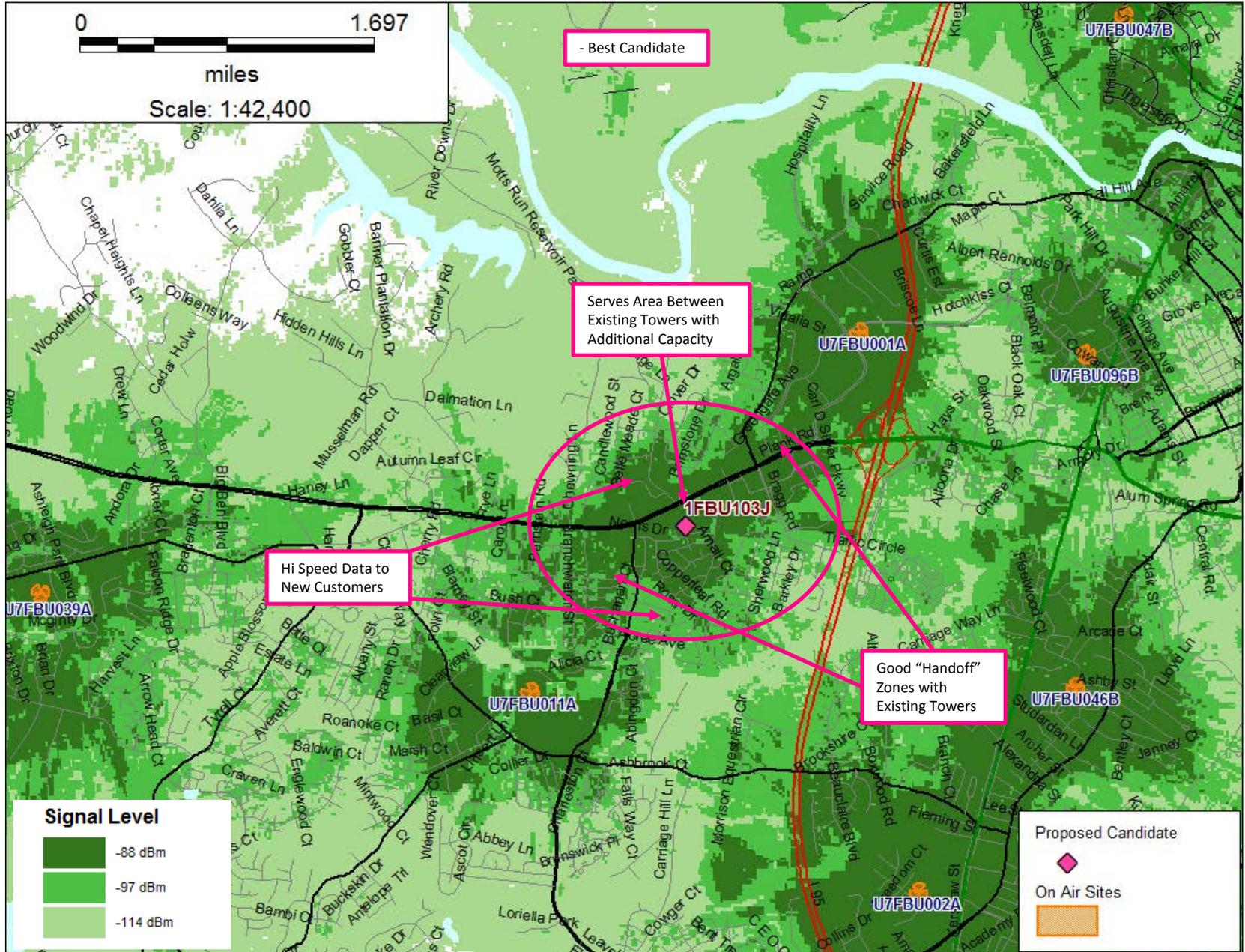
Current on-air plot WO 7FBU103J



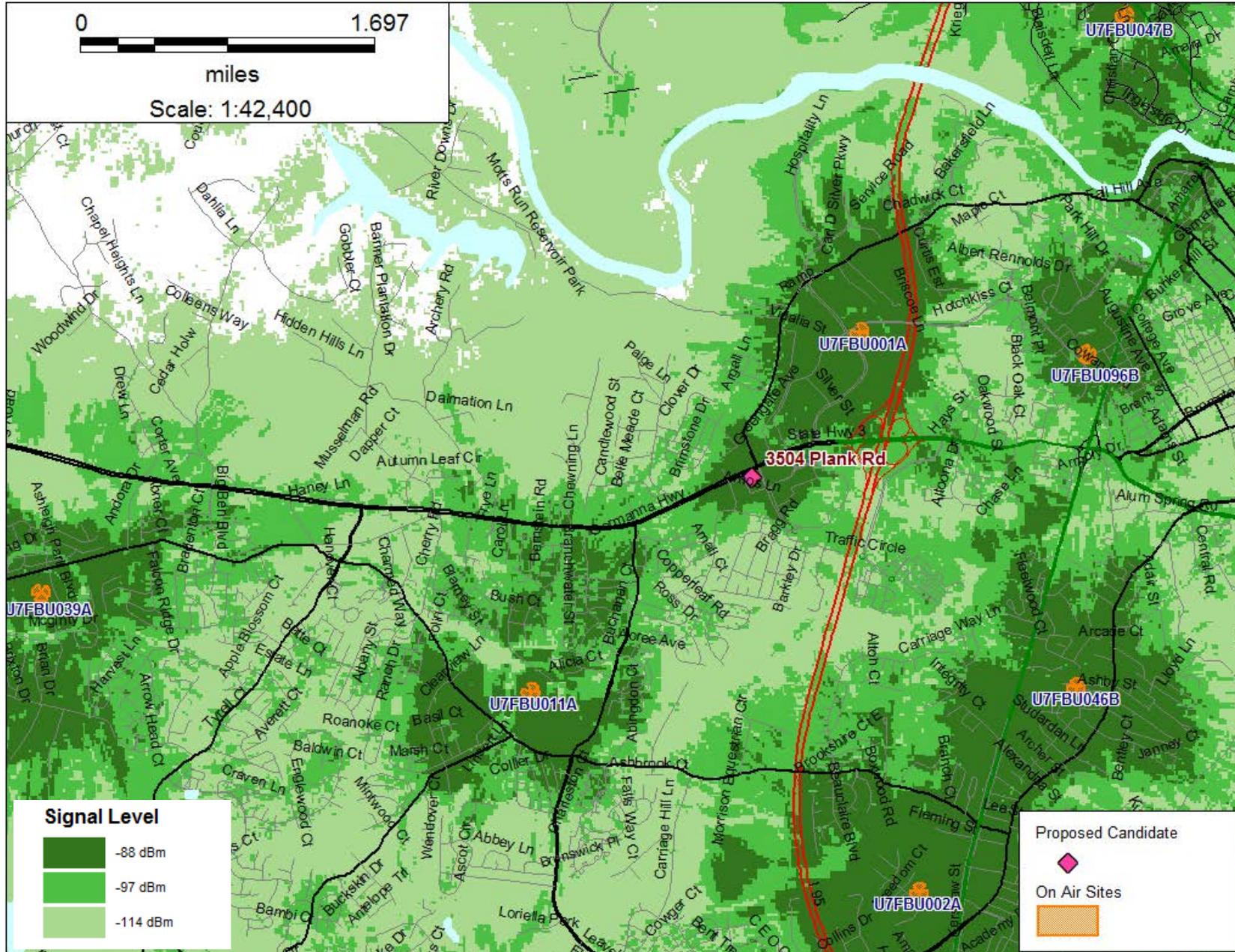
7FBU001 Search Ring



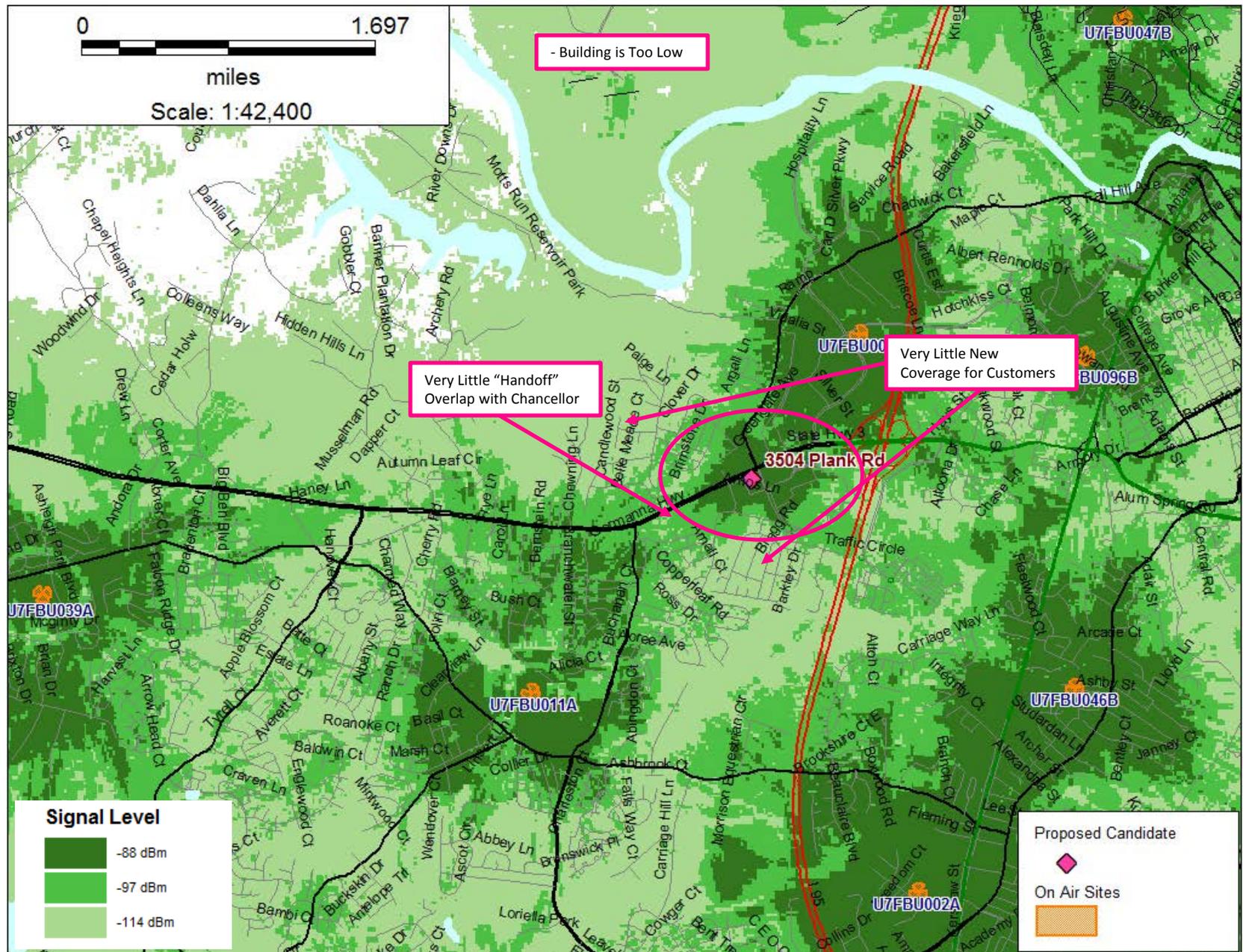
New Proposed Candidate 7FBU103J@150



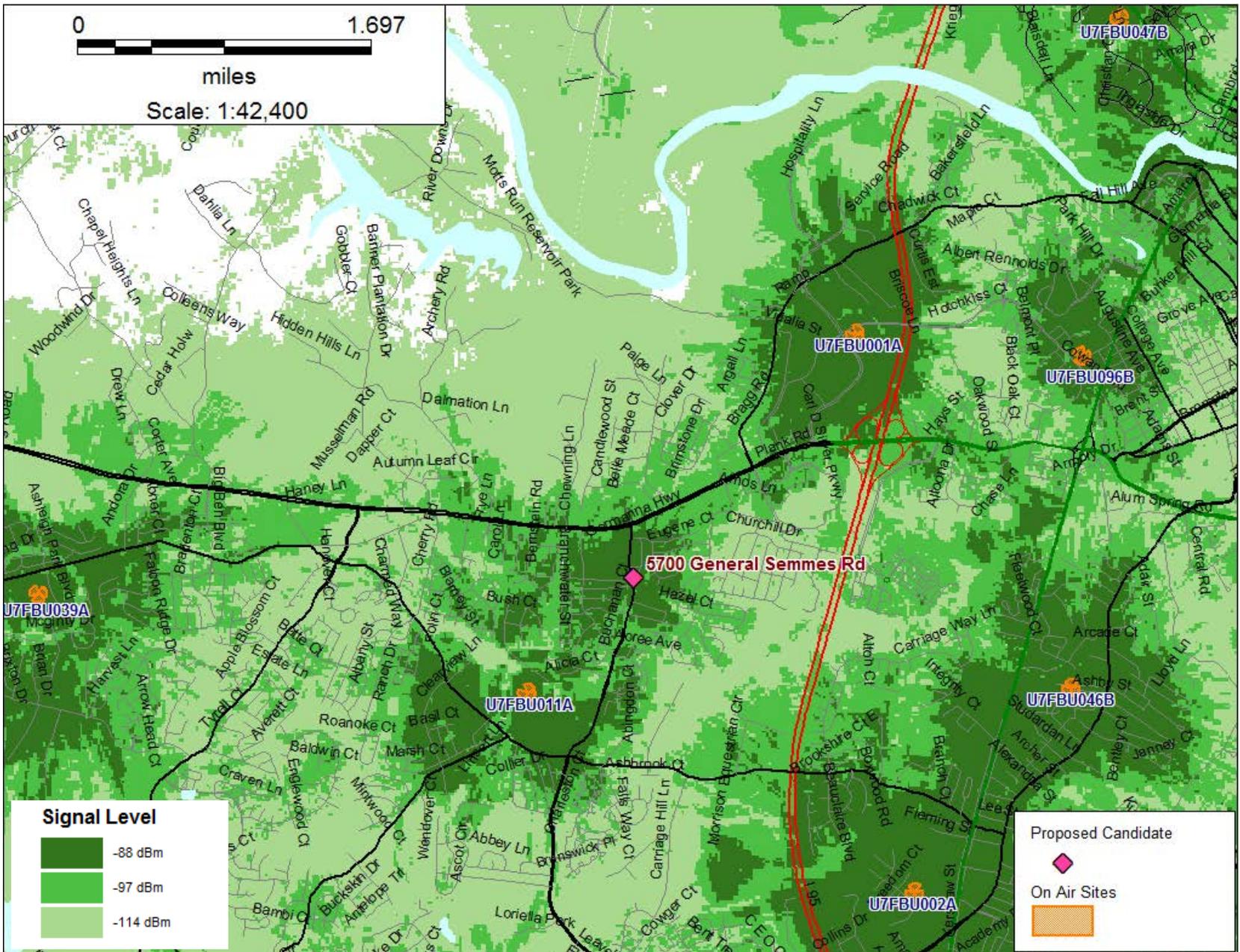
Coverage plot with proposed 3504 Plank Rd (45') Candidate



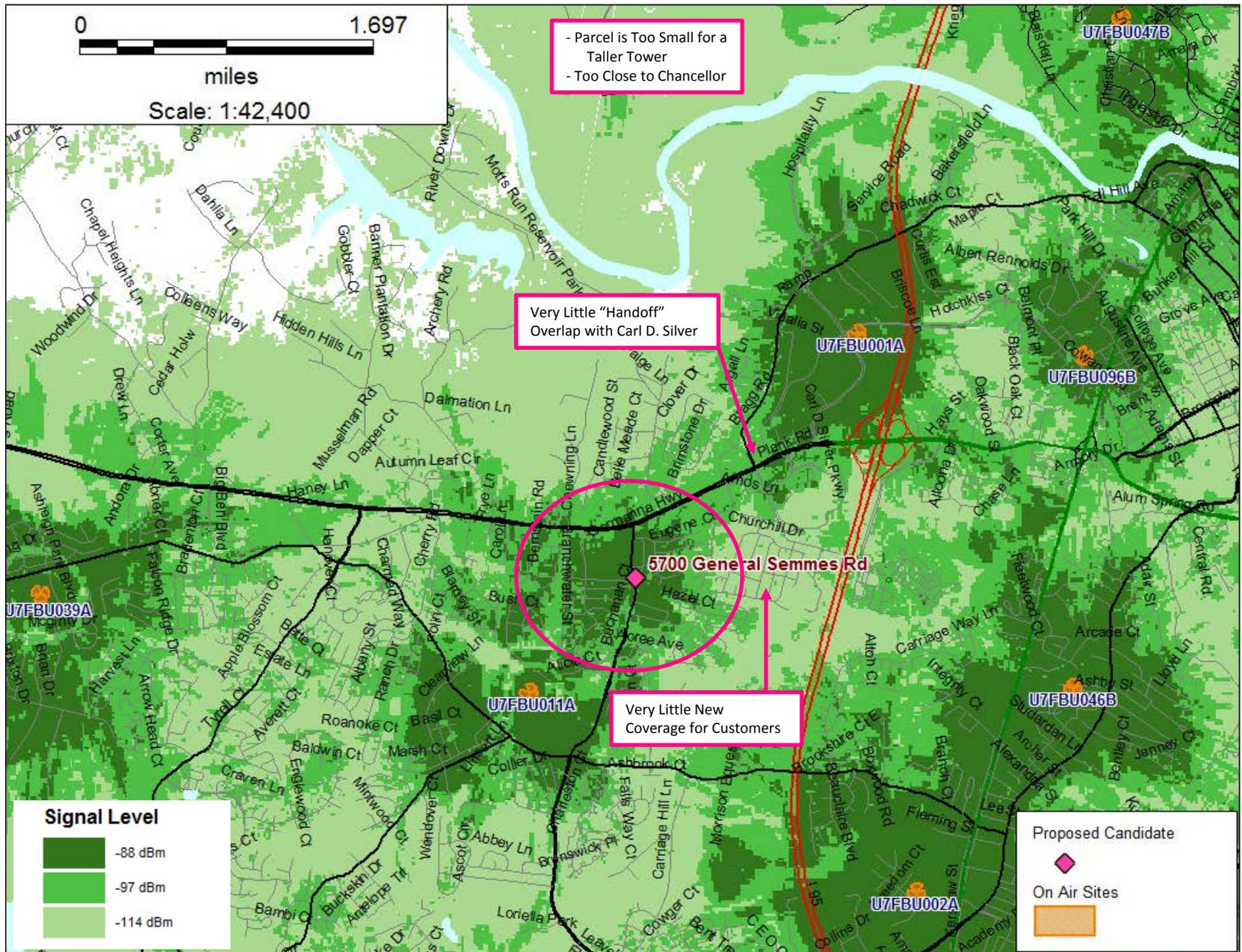
Coverage plot with proposed 3504 Plank Rd (45') Candidate



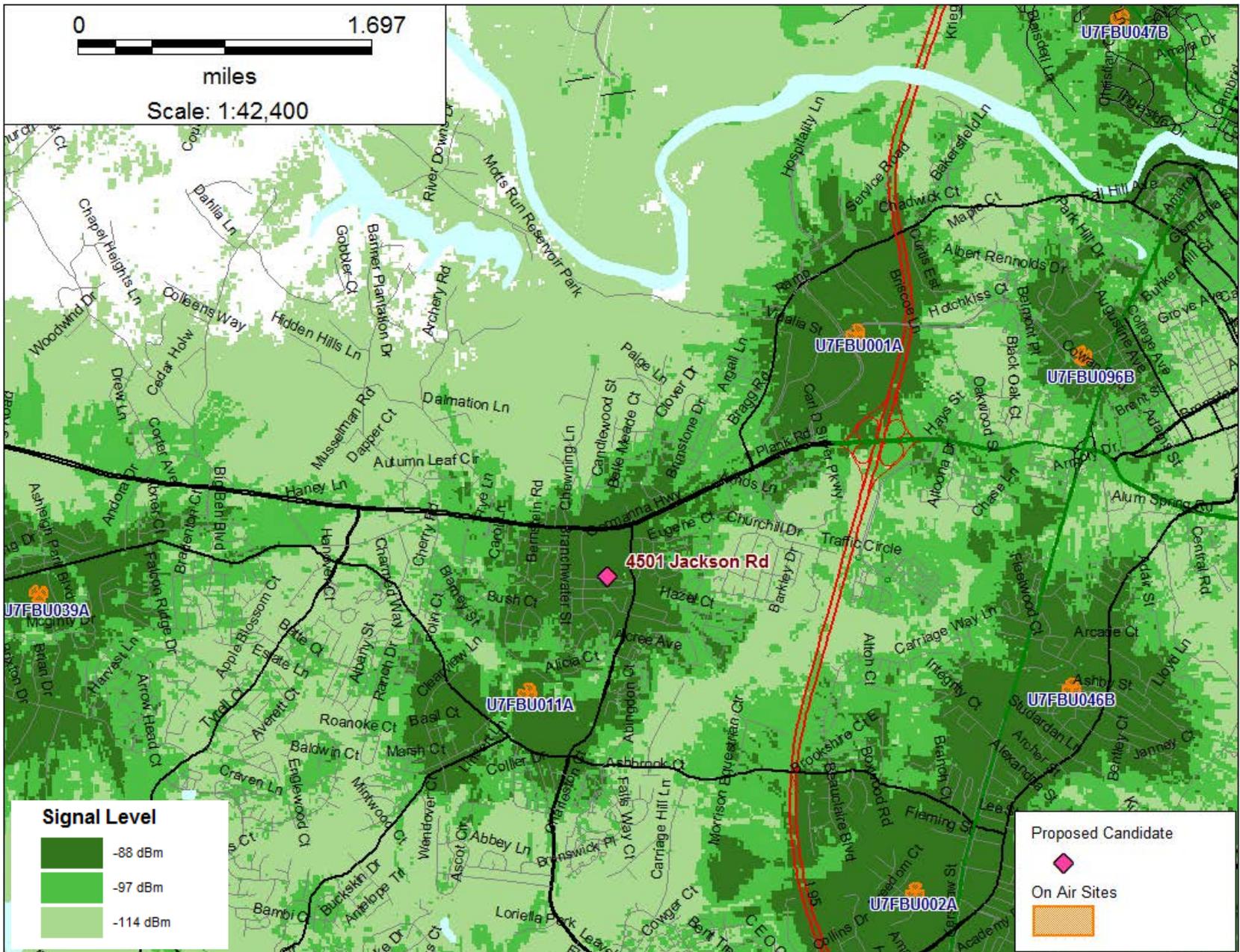
Coverage plot with proposed 5700 General Semmes Rd (90') Candidate



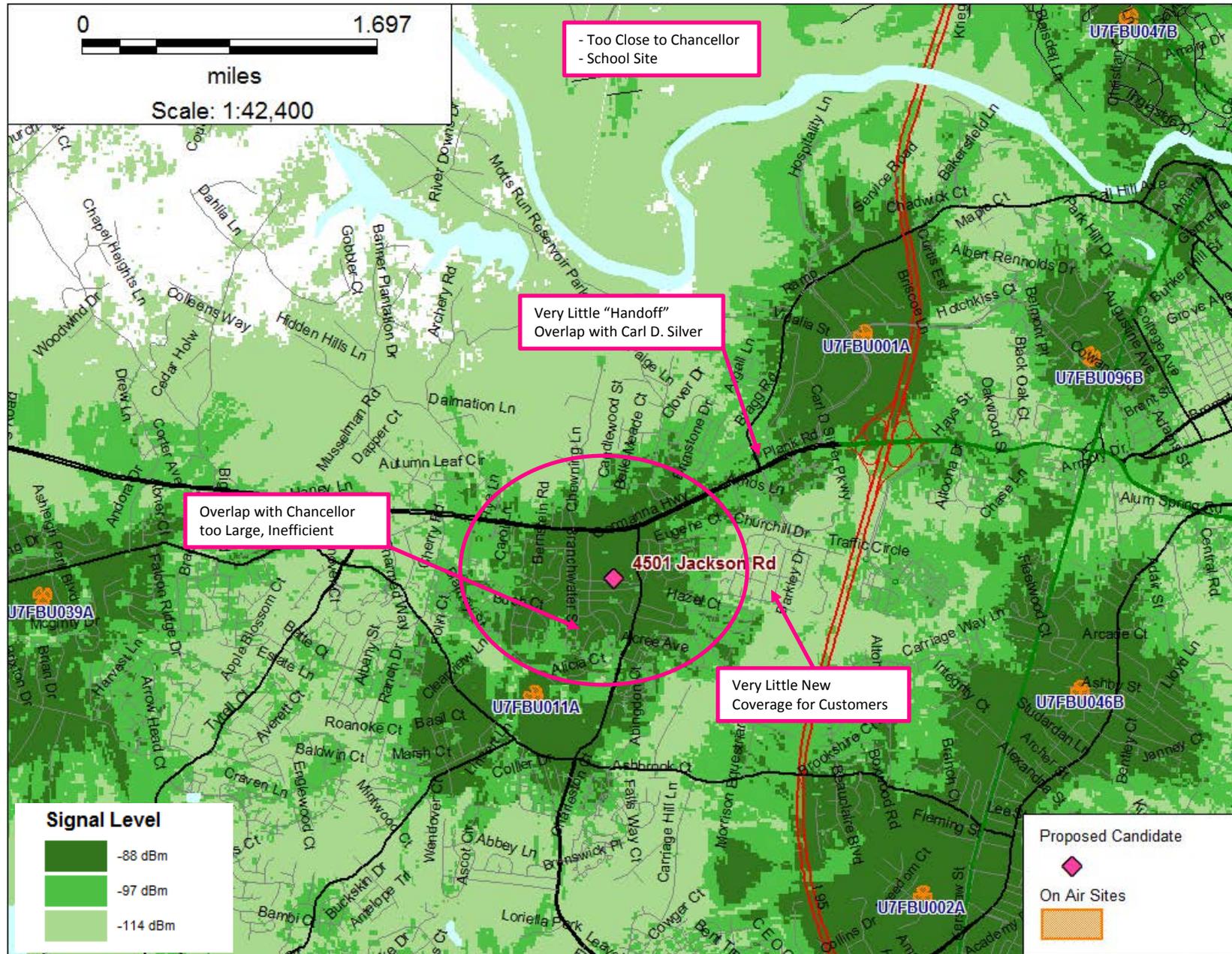
Coverage plot with proposed 5700 General Semmes Rd (90') Candidate



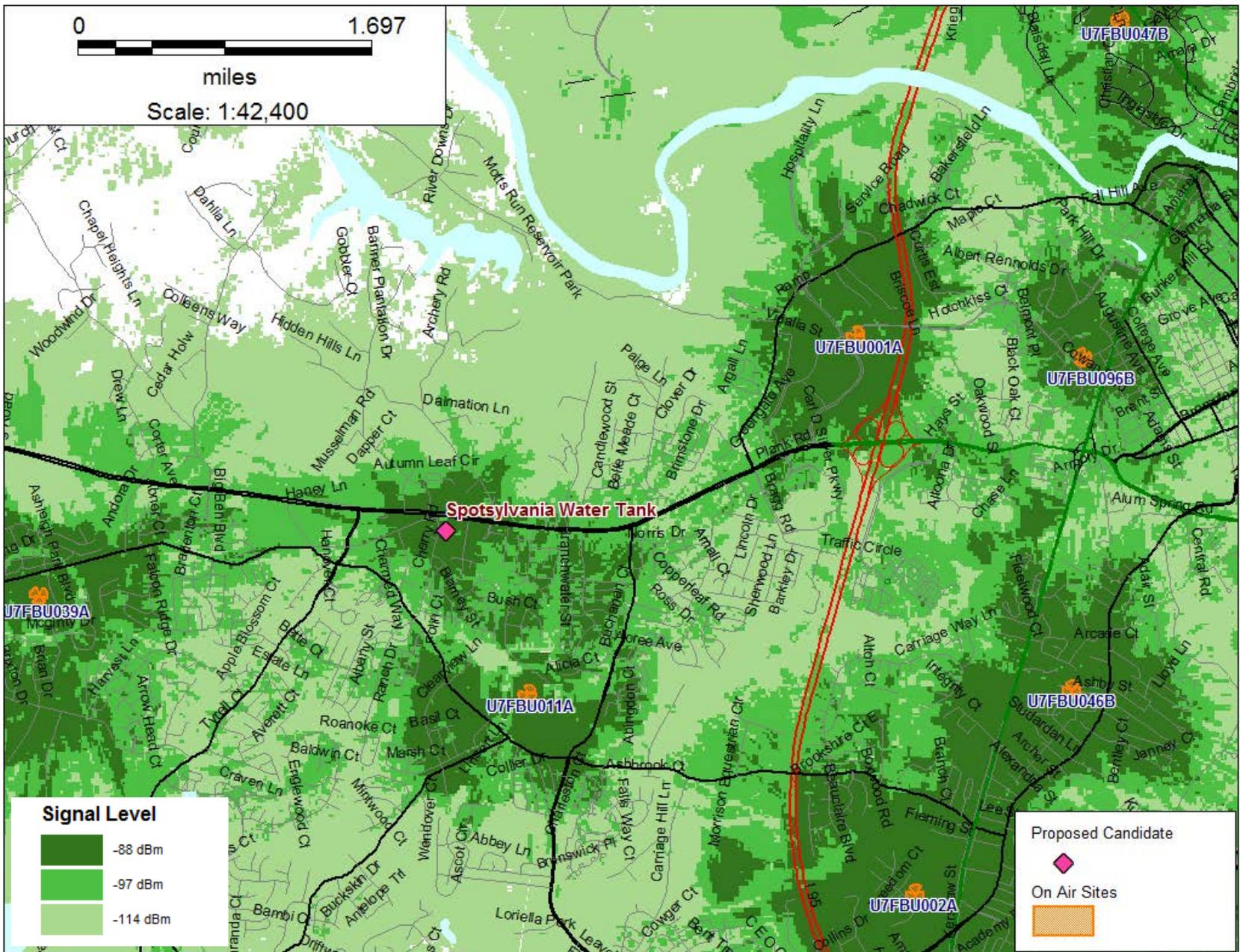
Coverage plot with proposed 4501 Jackson Rd (199') Candidate



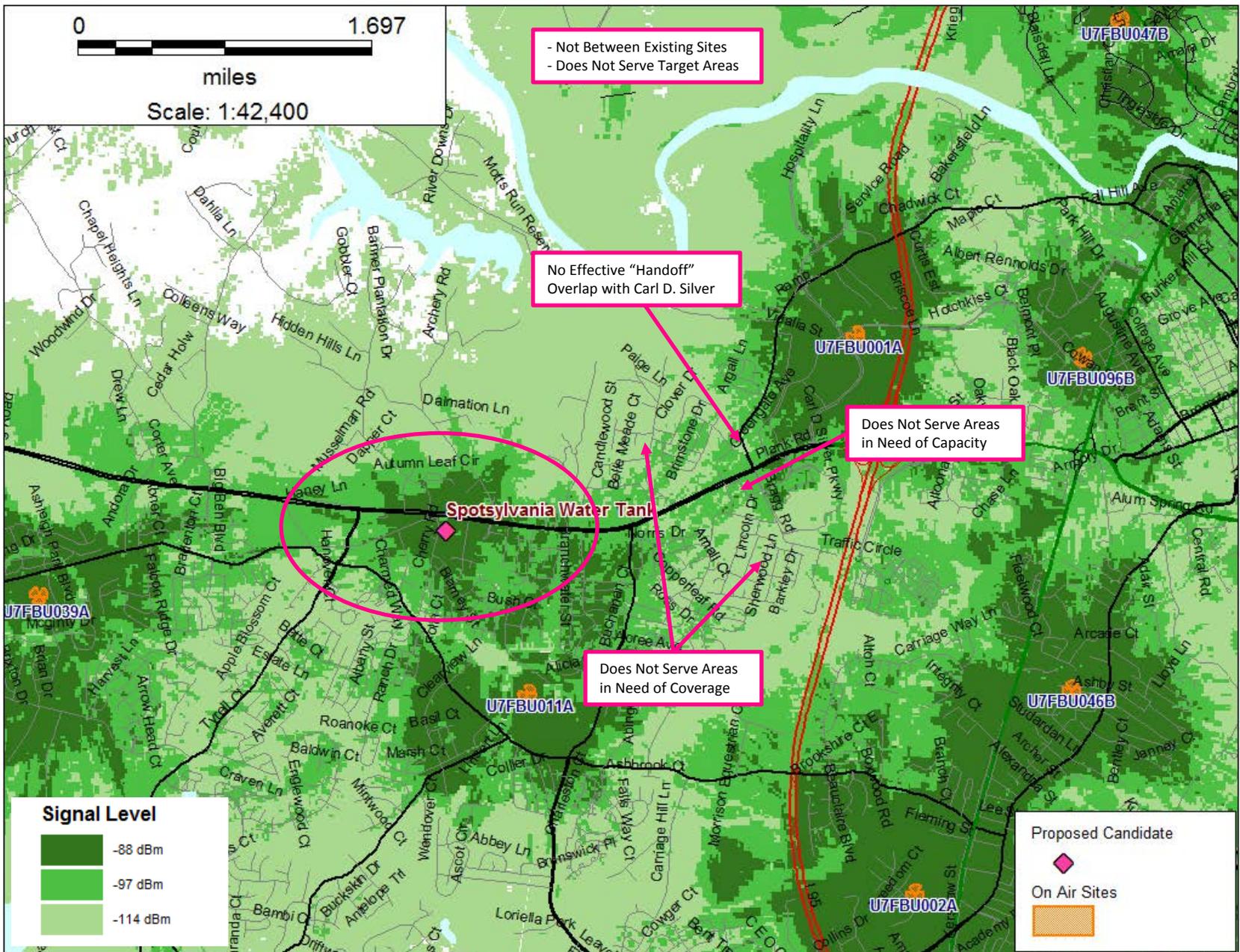
Coverage plot with proposed 4501 Jackson Rd (199') Candidate



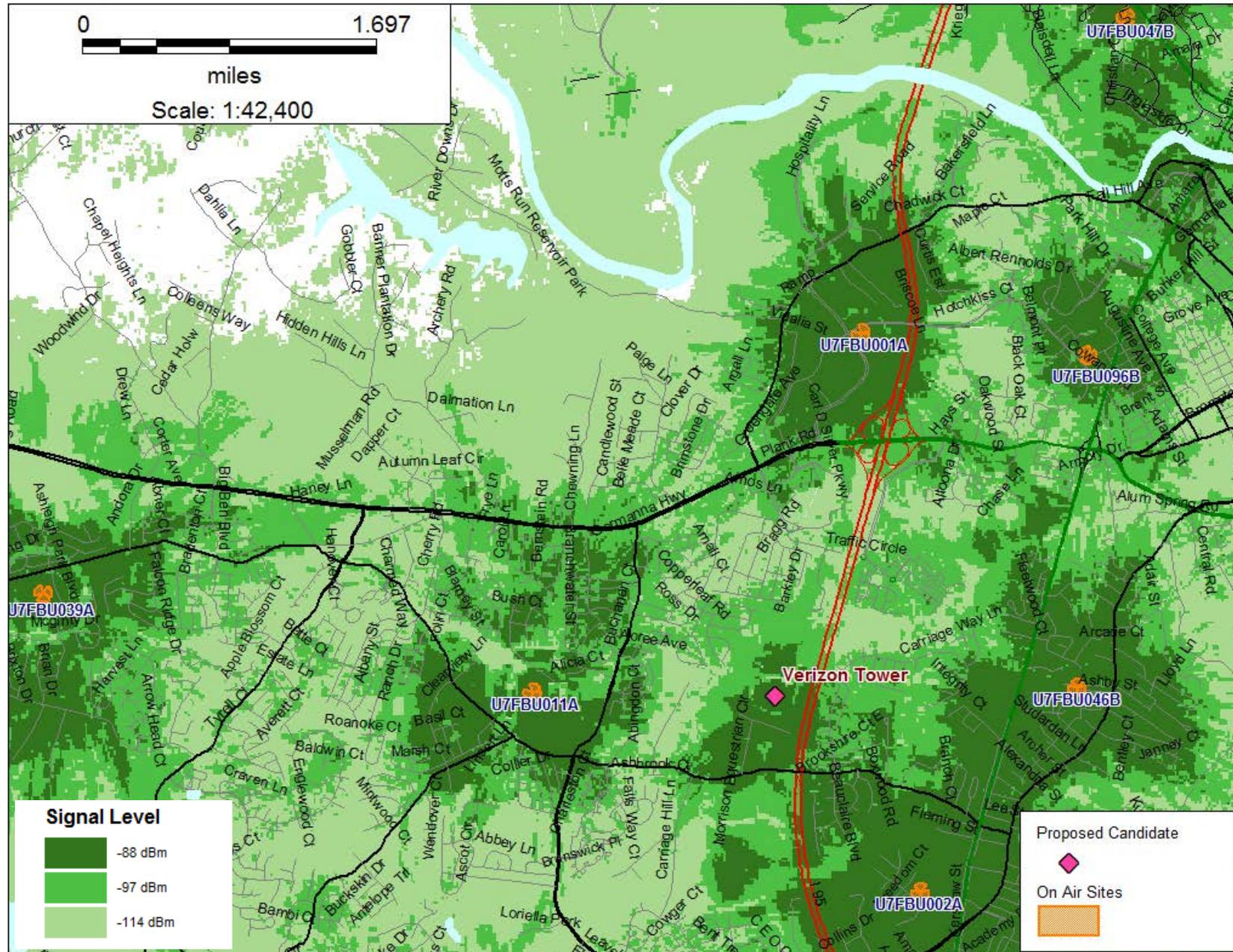
Coverage plot with proposed Spotsylvania WT(80') Candidate



Coverage plot with proposed Spotsylvania WT(80') Candidate



Coverage plot with proposed VZ Tower (140') Candidate



Coverage plot with proposed VZ Tower (140') Candidate

