

RIVER RANCH

Polk County, FL

Prepared by Verizon Wireless RF
Engineering

January, 2024

Introduction:

This Verizon proposed tower, **RIVER RANCH** is needed to improve wireless service coverage and capacity to the nearby communities and roads.

Coverage is the need to expand wireless service into an area that either has no service or bad service. The request for service often comes from customers or emergency personnel. Expansion of service could mean improving the signal levels in a large apartment complex or new residential community. It could also mean providing new service along a newly built highway.

Capacity is the need for more wireless resources. Cell sites have a limited amount of resources to handle voice calls, data connections, and data volume. When these limits are reached, user experience quickly degrades. This could mean customers may no longer be able to make/receive calls nor be able to browse the internet. It could also mean that webpages will be very slow to download.

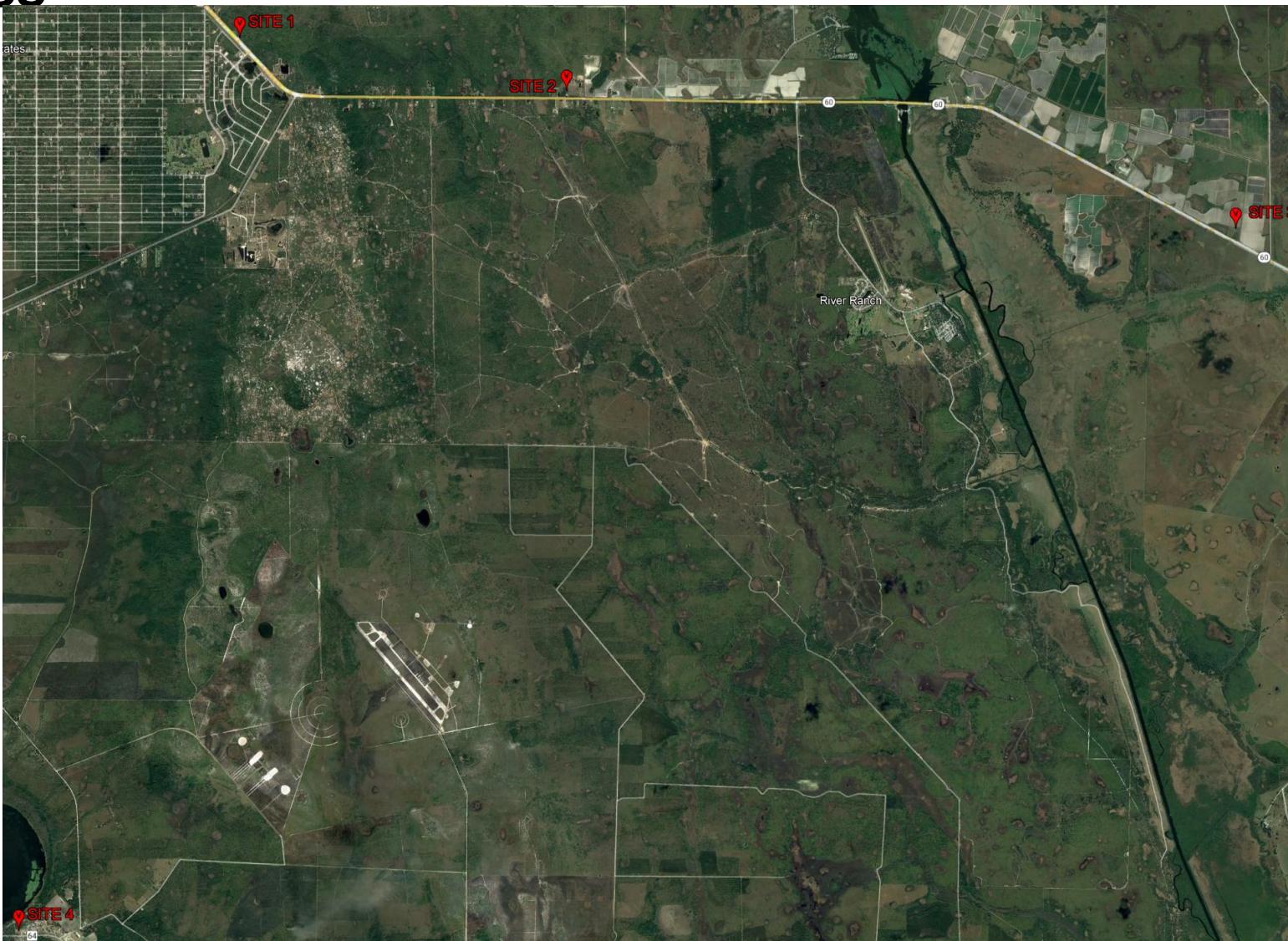


Verizon Wireless Existing & Proposed Sites

Existing Cell Sites	Tower Height AGL (ft)	Structure Type	Latitude	Longitude
Site 1	299	Self Support	27.815805	-81.326912
Site 2	240	Guyed Tower	27.806861	-81.263333
Site 3	299	Guyed Tower	27.783519	-81.133453
Site 4	250	Self Support	27.665581	-81.369742
Proposed	150	Monopole	27.764338	-81.190494

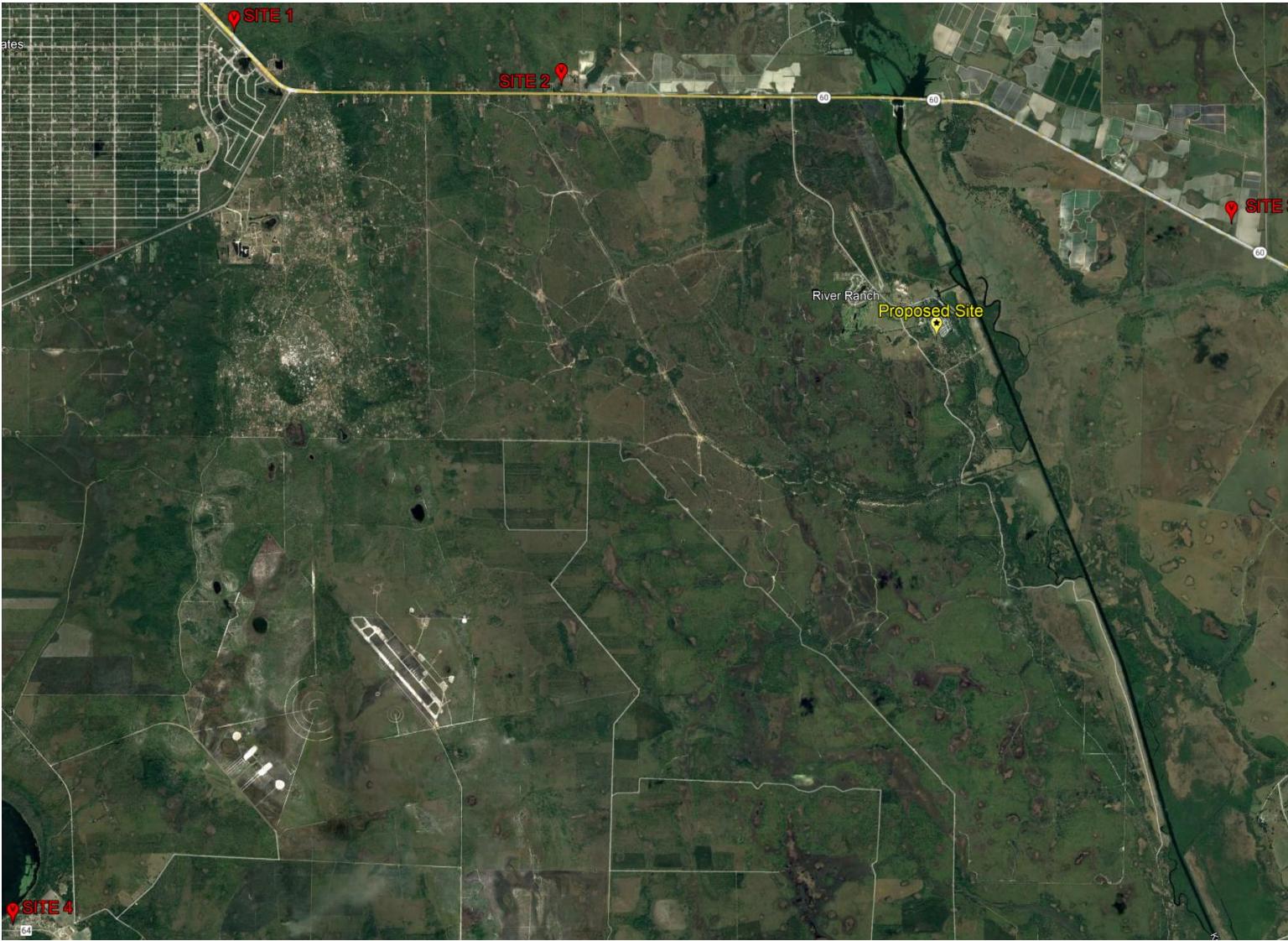


Existing Sites



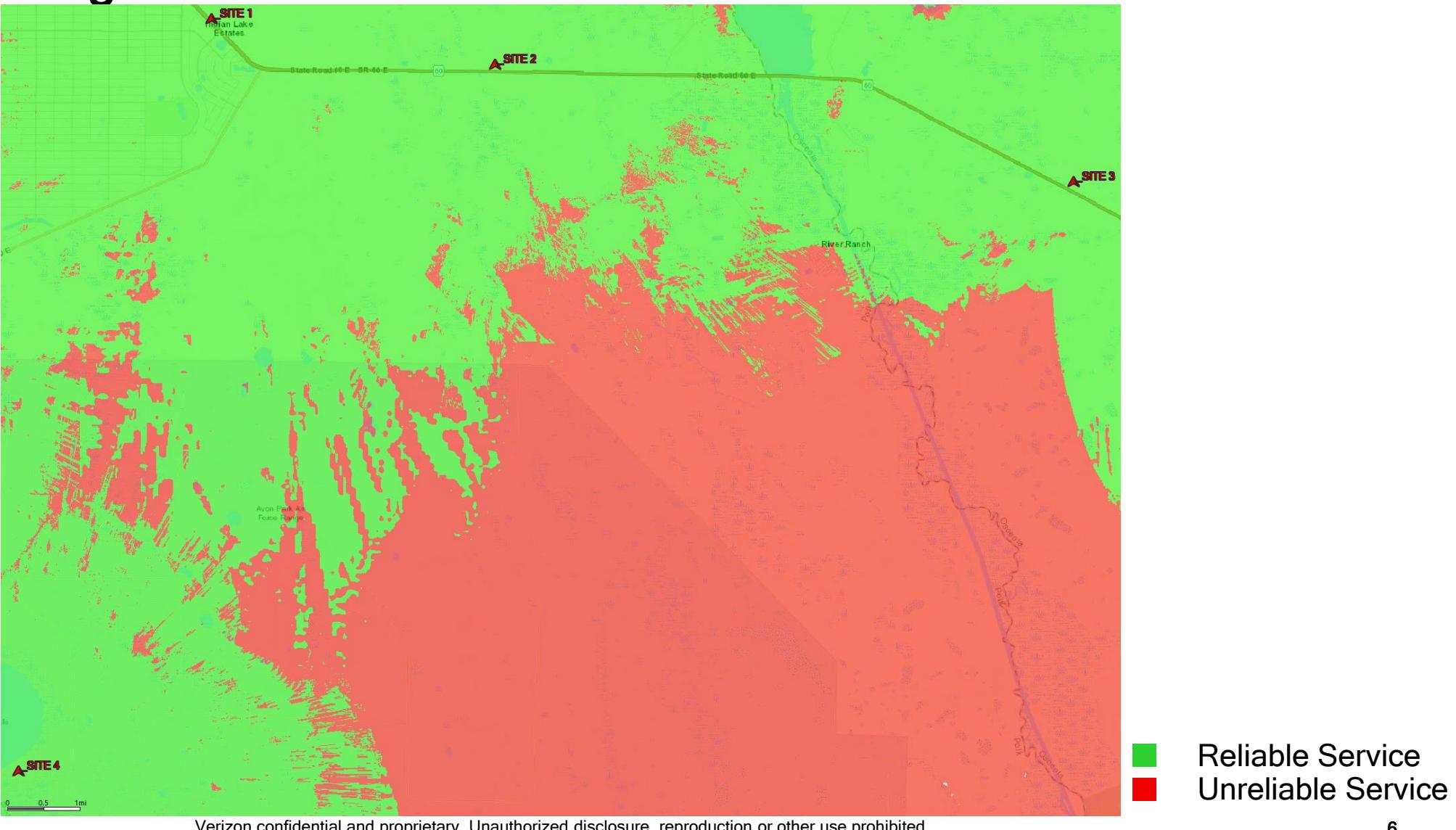
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Proposed Site

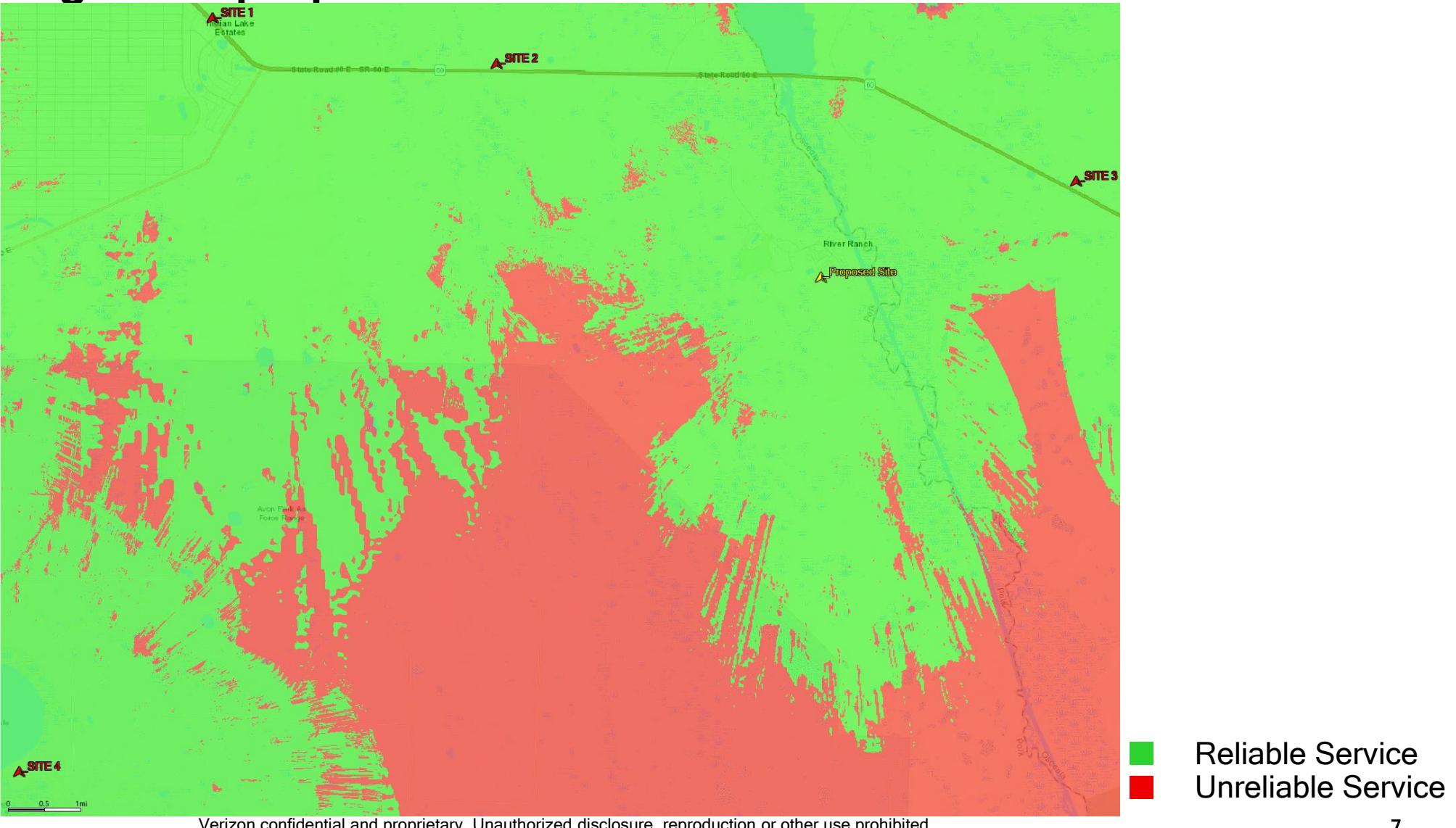


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Existing Coverage



Future Coverage with proposed site



Future Coverage - Proposed Site only

