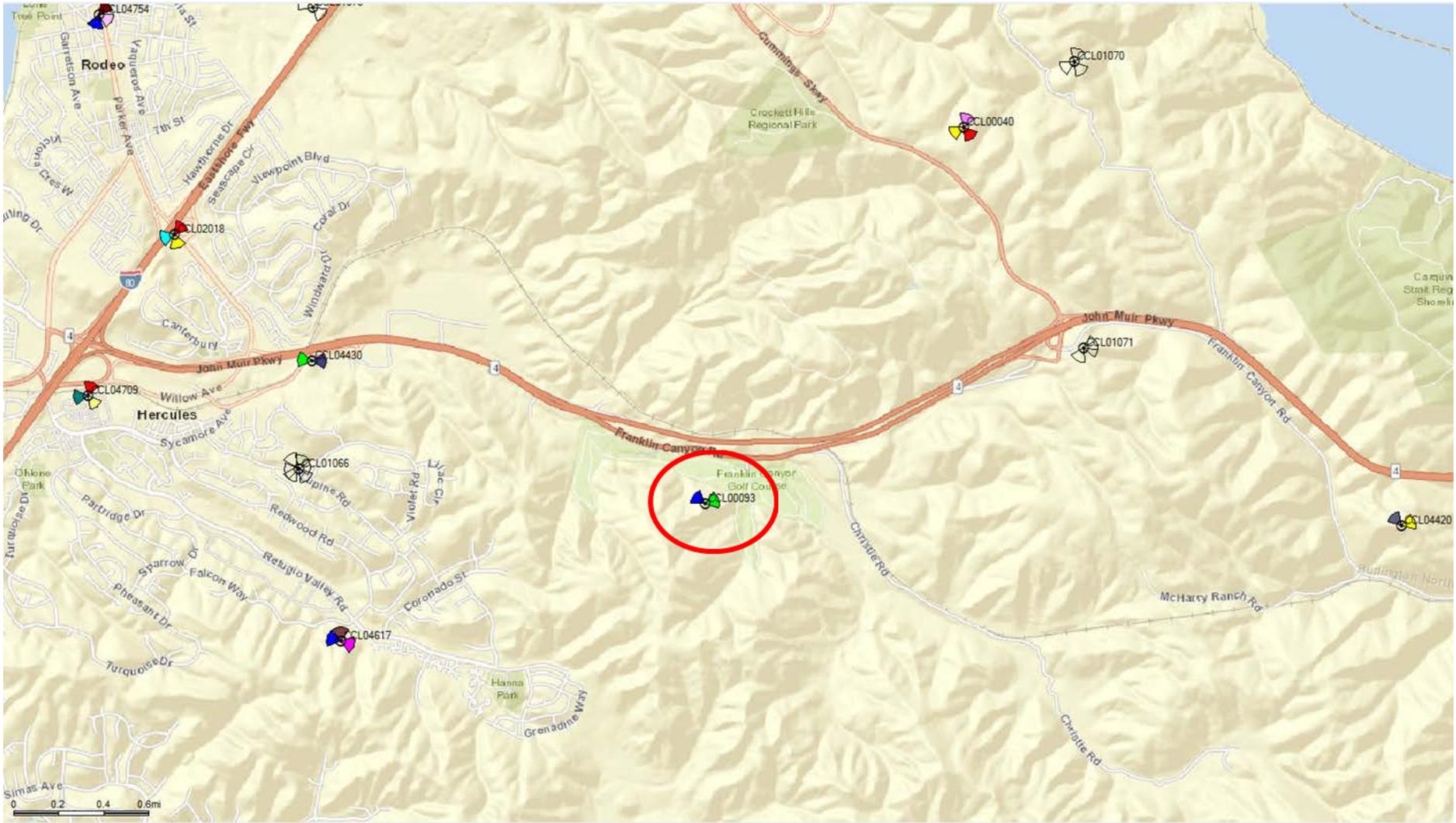


# CCL00093

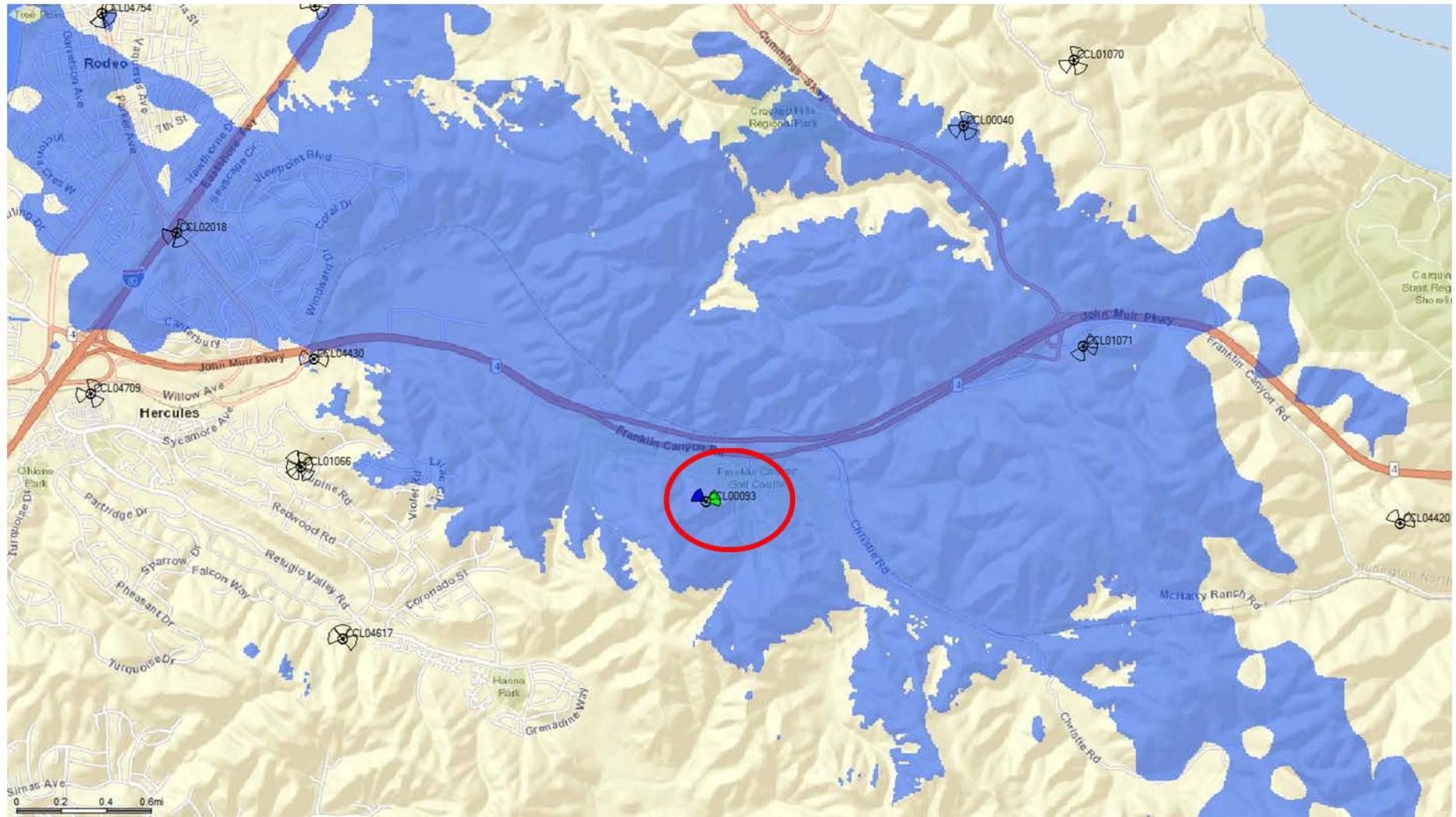
## Propagation Map

Aug 18, 2020

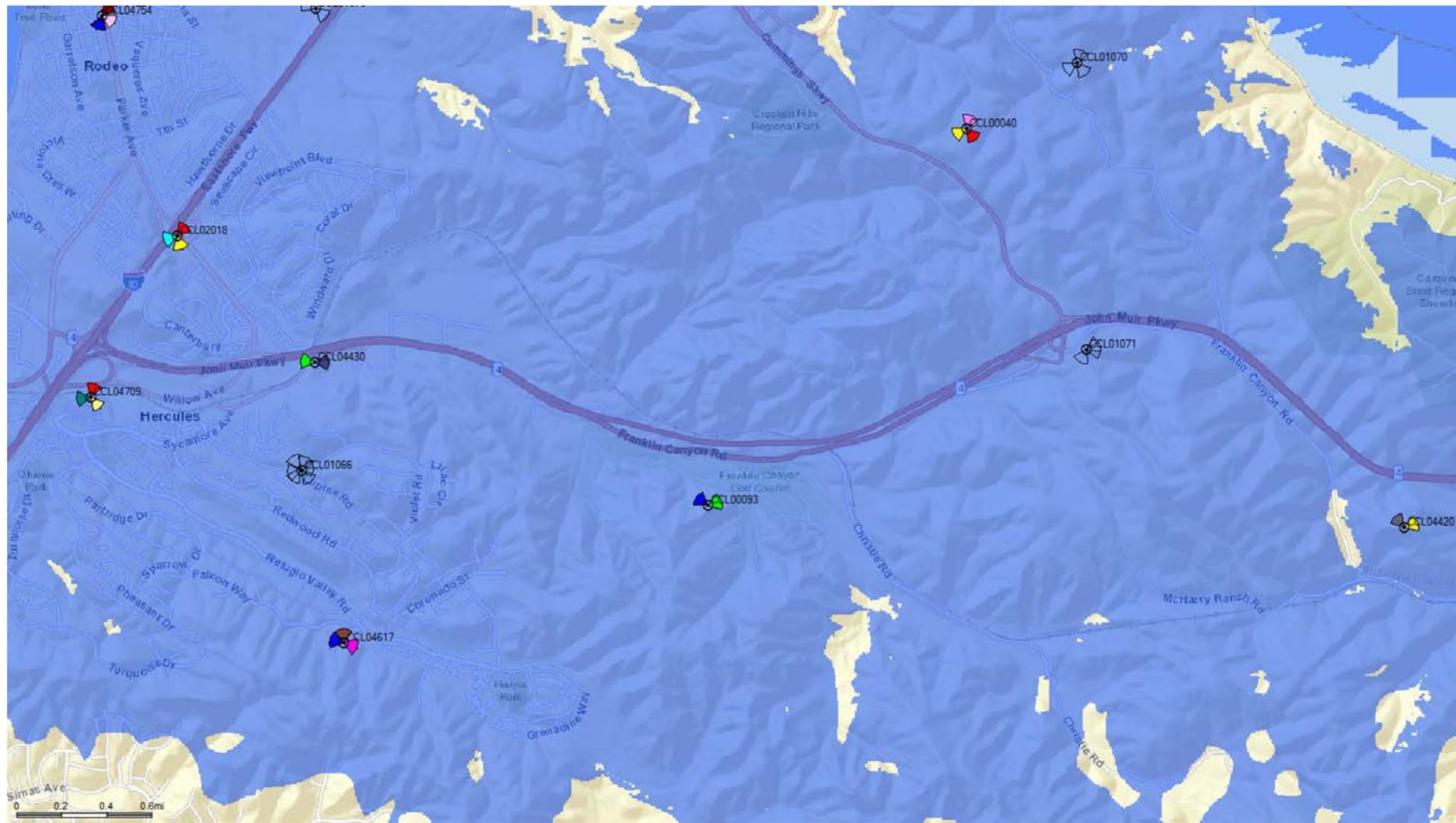
**Site Objective:** To help improve LTE Services on the area around the proposed site modifications.



# LTE 4G Service Coverage - CCL00093 Existing



# LTE 4G Service Coverage CCL00093 with Neighbors



## CCL00093 – RF STATEMENT

The proposed modification at **3519 FRANKLIN CANYON ROAD, CONTRA COSTA COUNTY, HERCULES, CA 94547**, is necessary in order to improve the coverage and capacity of the existing 4G LTE network. Currently the site is configured as a One LTE carrier (channel) base station. This means that the potential performance of the 4G LTE network was currently not realized. This is especially impactful for those who rely on the ATT network for broadband data services and who increasingly use their mobile phones as their primary communication device (landlines to residences have decreased significantly) and rely on their mobile phones to do more (E911, GPS, web access, text, etc.). The proposed modification will provide substantial improvement in service to residents in the area that will allow them to fully experience the advantage of ATT's high speed 4G LTE .

4G LTE is capable of delivering speeds up to 10 times faster than industry-average 3G speeds. LTE technology also offers lower latency, or the processing time it takes to move data through a network, such as how long it takes to start downloading a webpage or file once you've sent the request. Lower latency helps to improve the quality of personal wireless services. What's more, LTE uses spectrum more efficiently than other technologies, creating more space to carry data traffic and services and to deliver a better overall network experience. AT&T designs and builds and expands its wireless network as necessary to satisfy its customer service standards, which ensure customers receive reliable high speed data.