City Council Appeal Hearing Presentation

NOVEMBER 7, 2023

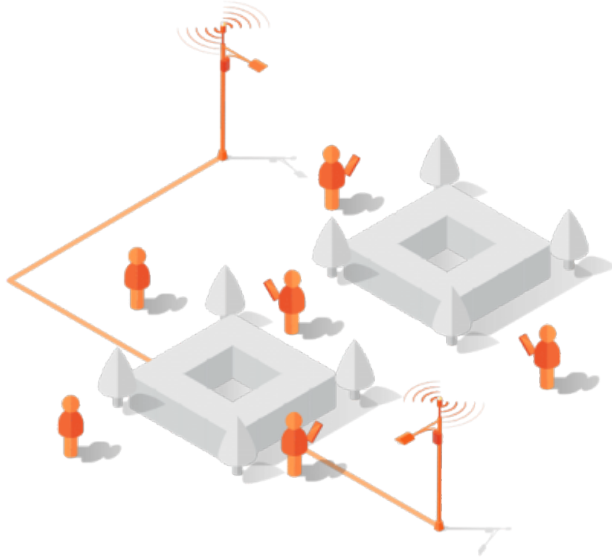
PROPOSED SMALL CELL INSTALLATION

PUBLIC ROW IN FRONT OF

1544 W. KENNETH RD

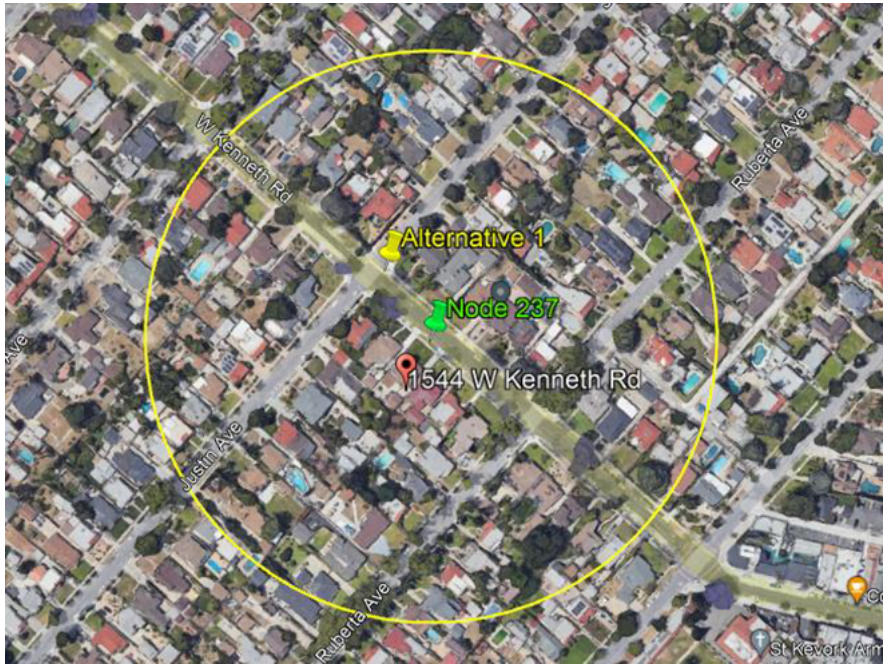
CITY OF GLENDALE, CA

EP-823



Alternative Site Analysis – Alternative 1

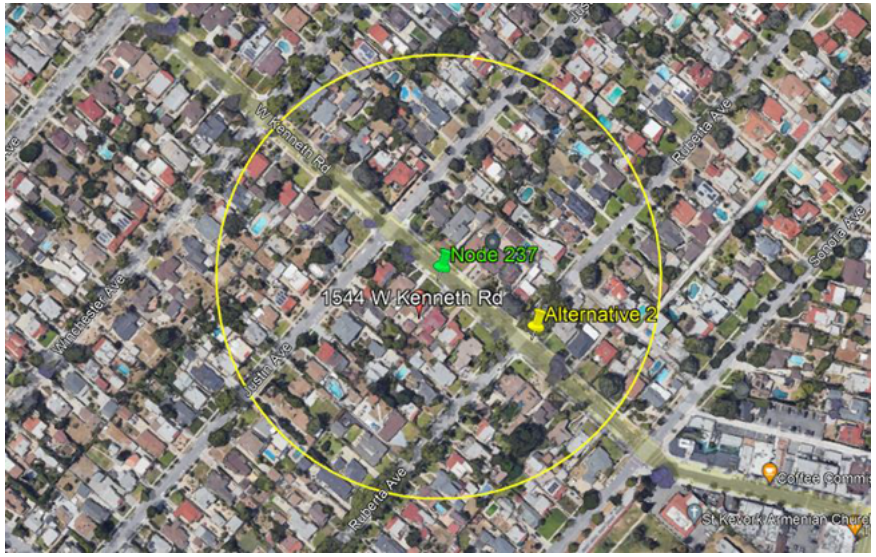
- Alternative 1 is on the wooden utility pole which GWP has advised against.
- Alternative 1 is adjacent to a large tree which would decrease the RF coverage. Removal of a healthy tree is not feasible.



Alternative Site Analysis – Alternative 2

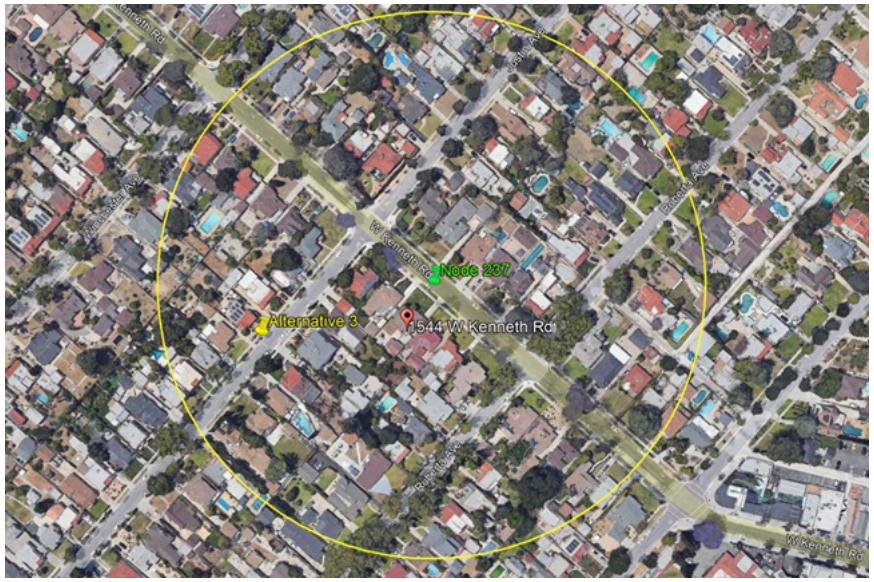
- Alternative 2 is a wooden utility pole which GWP has advised against.
- Alternative 2 does not meet the coverage objective based on the overall network design.
- Alternative 2 has trees in the immediate vicinity which would decrease the RF coverage.

Removal of healthy trees is not feasible.

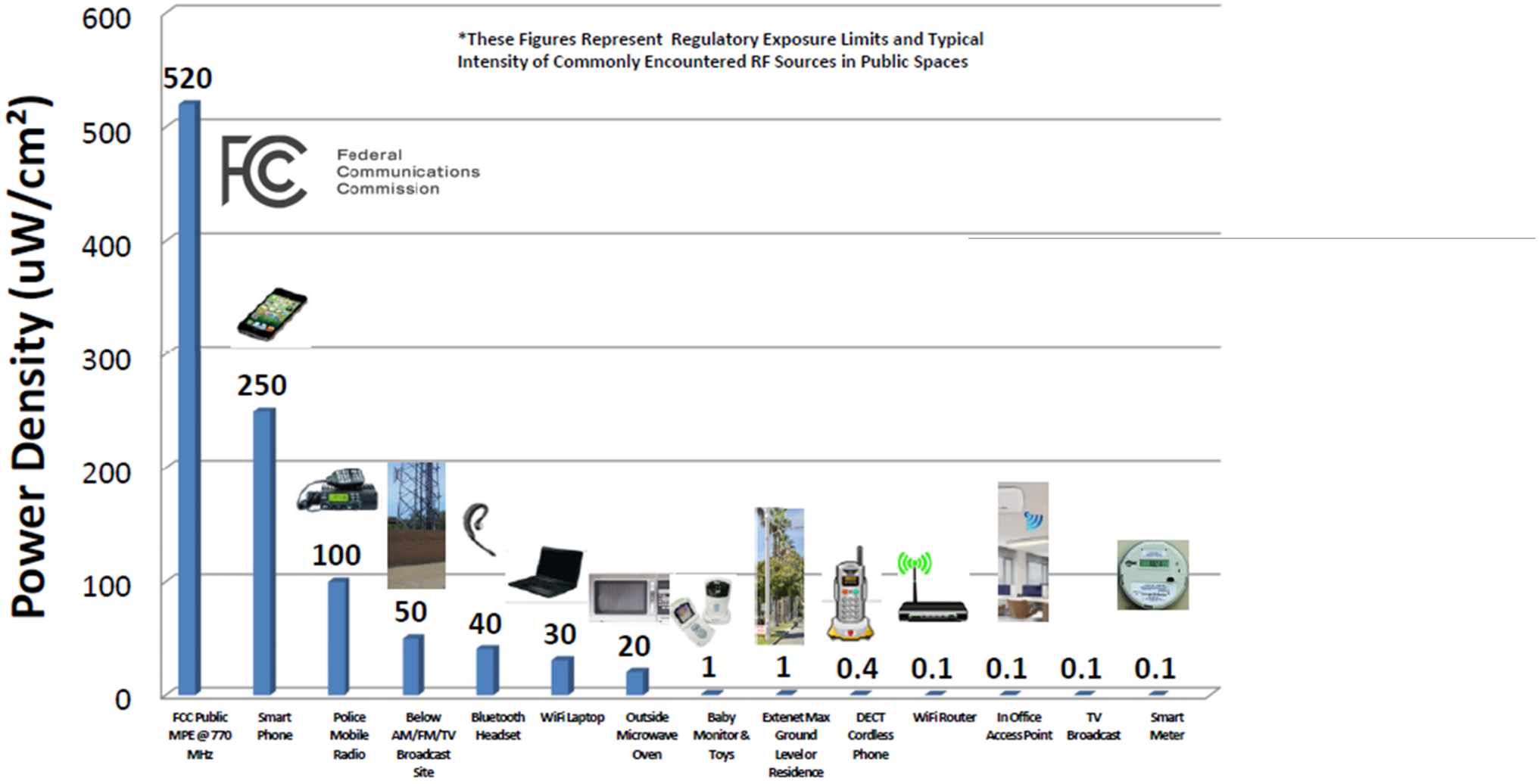


Alternative Site Analysis – Alternative 3

- Alternative 3 does not meet the coverage objective based on the overall network design.
- Alternative 3 is located close to a driveway which is not recommended.



Typical Public Radiofrequency Exposure



Project Summary

- EXTENET PROPOSES TO INSTALL A SMALL-CELL WIRELESS FACILITIES ON A CITY-OWNED POLE IN FRONT OF 1544 W. KENNETH RD.

- WITH A TYPICAL RANGE OF 30 FEET TO SEVERAL HUNDRED FEET, SMALL CELLS ARE COMPACT, LOW-POWER BASE STATIONS THAT OPERATE IN A WIDE RANGE OF FREQUENCIES. WHILE LEGACY MACRO NETWORKS OFTEN COVER A RADIUS OF SEVERAL MILES, SMALL CELLS CAN BETTER SERVE SPECIFIC HIGH-TRAFFIC AREAS WHERE THERE IS A NEED TO ALLEVIATE NETWORK CONGESTION RELATED TO VOICE, DATA AND VIDEO.

- SITE WILL PROVIDE ADDITIONAL CAPACITY TO VERIZON'S 5G NETWORK WITHIN THE NEIGHBORHOOD

- SITE CONSISTS OF A NEW METAL POLE. EXISTING CITY POLE WILL BE REMOVED AND REPLACED