Node CA002_CLC_CULVER_023

Primary & Alternate Locations

This location will improve coverage and data speeds for Verizon customers within a 500-1000ft radius of the primary candidate. The proposed candidate is the least intrusive location.

Primary Candidate:

Does meet the coverage objectives.

Alternate Locations:

Location 1: Does meet the coverage objective.
Pole is close to a residential driveway may cause construction issues
Utility Wood Pole

Location 2: Does not meet the coverage objective.
Pole is blocked by tree restricting coverage
Utility Wood Pole

Location 3: Does meet the coverage objective.
Pole near busy intersection could cause construction delays

Utility Wood Pole

Crown Castle
200 Spectrum Center Drive
Suite 1800
Irvine, CA 92618

Crown Castle Fiber LLC

Site Justification

Submitted to

City of Culver City

11622 PORT RD., CULVER CITY, CA 90230

GT72469

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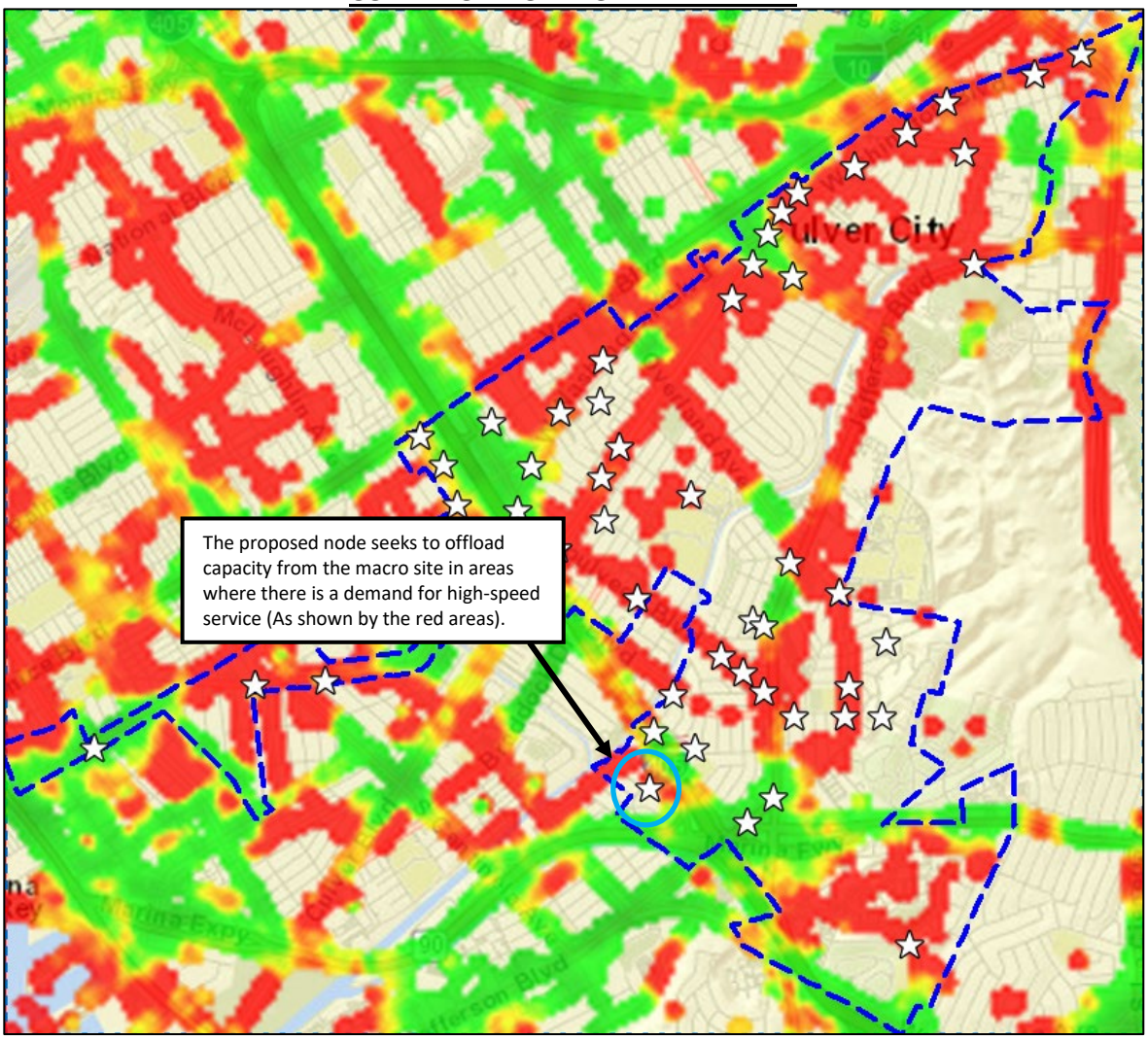
INTRODUCTION

The proposed node seeks to offload capacity from the macro site in areas where there is a demand for high-speed service (as shown by the red areas in the map below). The map shows that all proposed small cells (represented by stars) are located on the fringe of the macro sites' coverage to augment and support the network.

Adding additional small cells to the green zones (where there is already enough capacity) is technically infeasible as it will cause reflectivity and PIM issues.

CULVER CITY CAPACITY DATA MAP



LOCATION

- The locations for these sites are strategically selected to be the least intrusive while meeting coverage demands.
- As seen in the above coverage map, there is high demand for network capacity in this location (Red zones are areas demanding this coverage).
- The selected location avoids PIM issues while remaining the least intrusive in order to meet coverage objectives for the carrier and its customers.
- The provided EME also shows this site falls within FCC guidelines and will pose no health or safety concerns to the general public.

The preferred areas outside of this residential zone already have enough capacity and adding small cells to these areas will create reflectivity and PIM issues. It is for these reasons above why not placing the site in our proposed location would compromise coverage. All primary candidates are strategically chosen for the reasons mentioned above.