

# LTE Justification Plots

**Market Name:** Los Angeles

**Site ID:** CSL00027

**Site Address:** 1552 E 6<sup>th</sup> Street, Beaumont, CA 92223

**ATOLL Plots Completion Date:** May 08, 2019

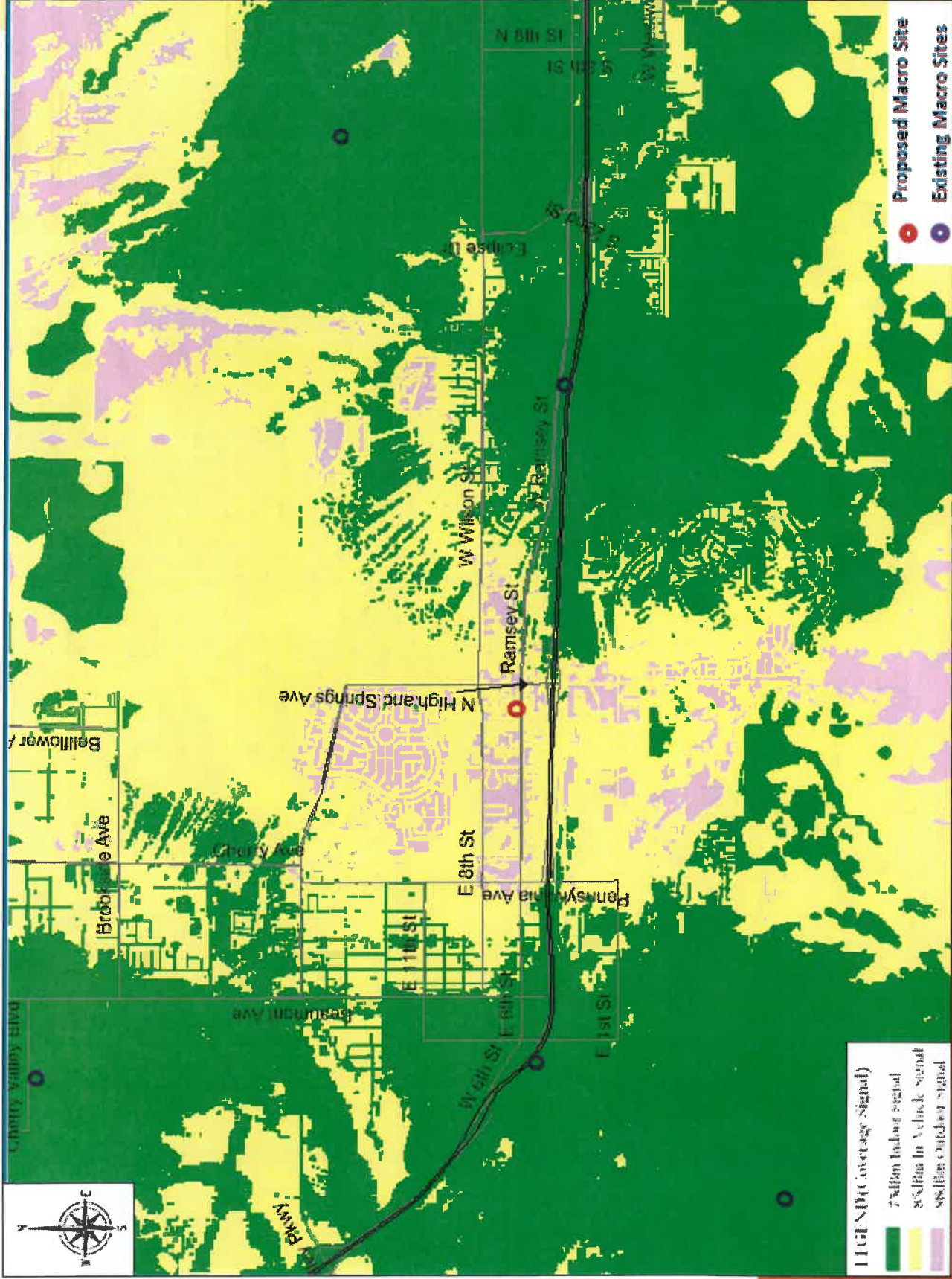


## Assumptions

- ❖ Propagation of the site plots are based on our current Atoll (Design tool) project tool that shows the preferred design of the AT&T 4G-LTE network coverage.
- ❖ The propagation referenced in this package is based on proposed LTE coverage of AT&T users in the surrounding buildings, in vehicles and at street level . For your reference, the scale shown ranges from good to poor coverage with gradual changes in coverage showing best coverage to marginal and finally poor signal levels.
- ❖ The plots shown are based on the following criteria:
  - **Existing:** Since LTE network modifications are not yet **On-Air**. The first slide is a snap shot of the area showing the existing site without LTE coverage in the AT&T network.
  - **The Planned LTE Coverage with the Referenced Site:** Assuming all the planned neighboring sites of the target site are approved by the jurisdiction and the referenced site is also approved and **On-Air**, the propagation is displayed with the planned legends provided.
  - **Without Target site:** Assuming all the planned neighboring sites are approved by the jurisdiction and **On-Air** and the referenced site is **Off-Air**, the propagation is displayed with the legends provided.

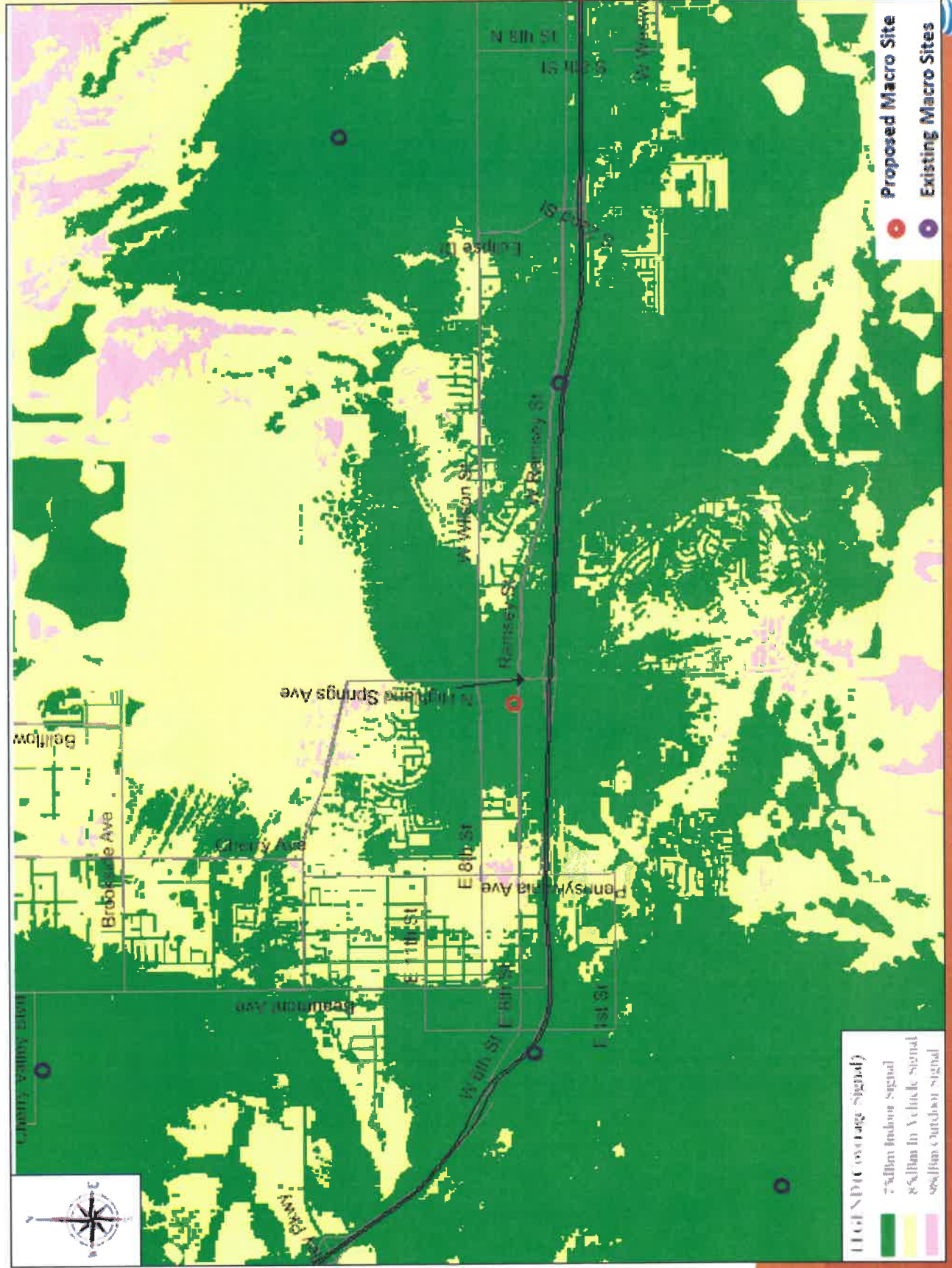


# LTE Coverage Before site CSL00027



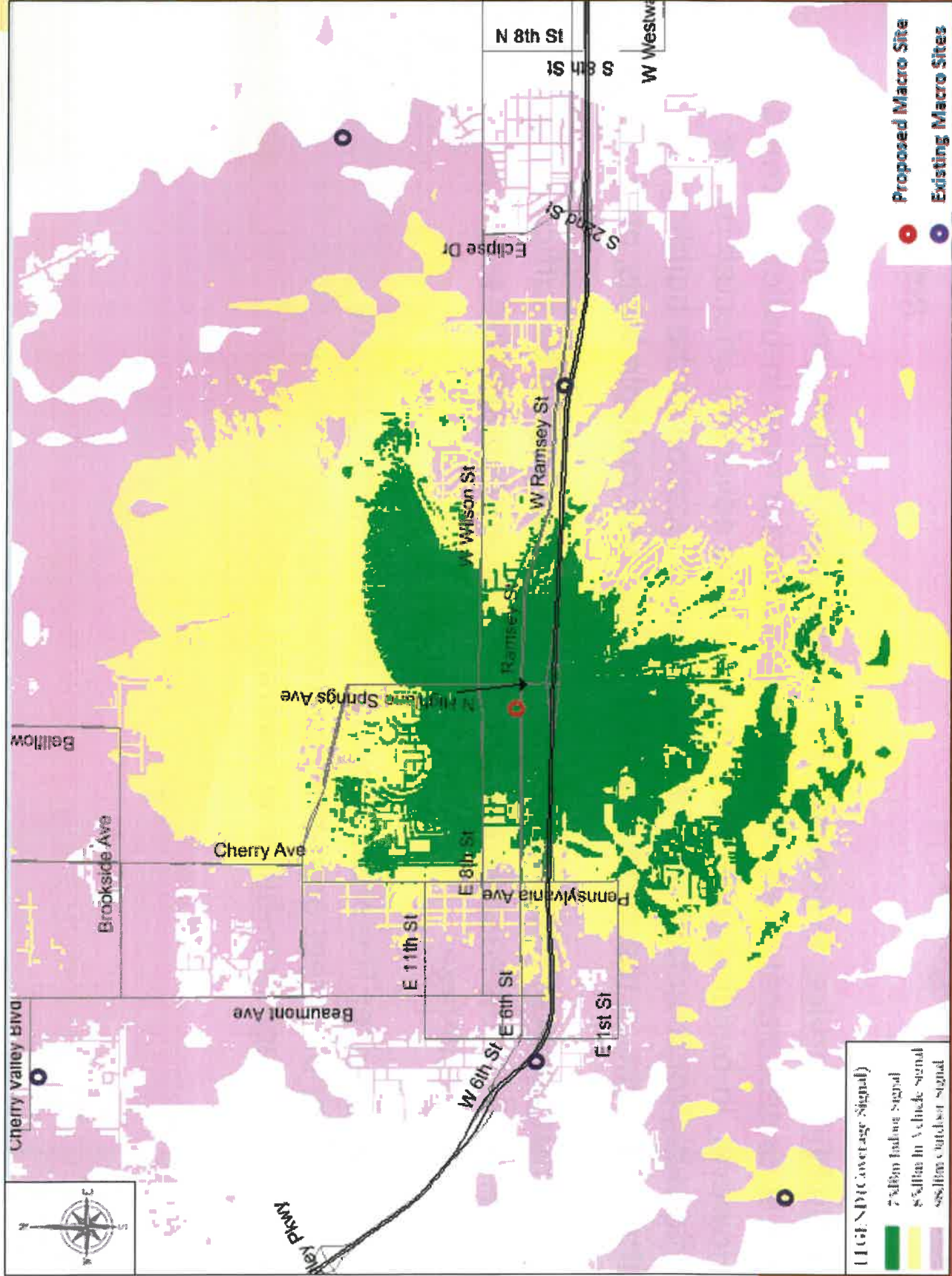
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# LTE Coverage After site CSL00027



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# LTE Coverage standalone site CSL00027



# Coverage Legend



Rethink Possible

**In-Building Service:** In general, the areas shown in dark green should have the strongest signal strength and be sufficient for most in-building coverage. However, in-building coverage can and will be adversely affected by the thickness/construction type of walls, or your location in the building (i.e., in the basement, in the middle of the building with multiple walls, etc.)

**In-Transit Service:** The areas shown in the yellow should be sufficient for on-street or in-the-open coverage, most in-vehicle coverage and possibly some in-building coverage.

**Outdoor Service:** The areas shown in the purple should have sufficient signal strength for on-street or in-the-open coverage, but may not have it for in-vehicle coverage or in-building coverage.