



NextEdge
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Las Vegas, NV 89118
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Gap identification and coverage solution

Application has been made to the Planning Commission for a permit to construct a new wireless facility on an existing rooftop. As mentioned in the application materials, no other towers or suitable tall structures are available in the targeted search area where Verizon Wireless needs a new site to close a significant gap in its network coverage. The gap in coverage is within the city of Hermosa Beach city boundary and cannot be covered by existing or future sites located outside the city of Hermosa Beach given height and other development restrictions, and the lack of suitable sites outside the city boundaries available to host a wireless facility.

The height of the antennas above the ground has a direct impact on the distance the wireless signal will travel horizontally from the antenna. The higher the antenna above the ground, the farther the signal will travel. The height of the proposed antennas are 32feet 6 inches (center of the antenna) above ground level. For this location, it would be better if the antennas were higher. However, the maximum building height within the development standards for the C-3 zone is 35 feet, HBMC Section 17.26.050 E 3. The proposed height of the new antennas will not extend higher than 35 feet above ground level.

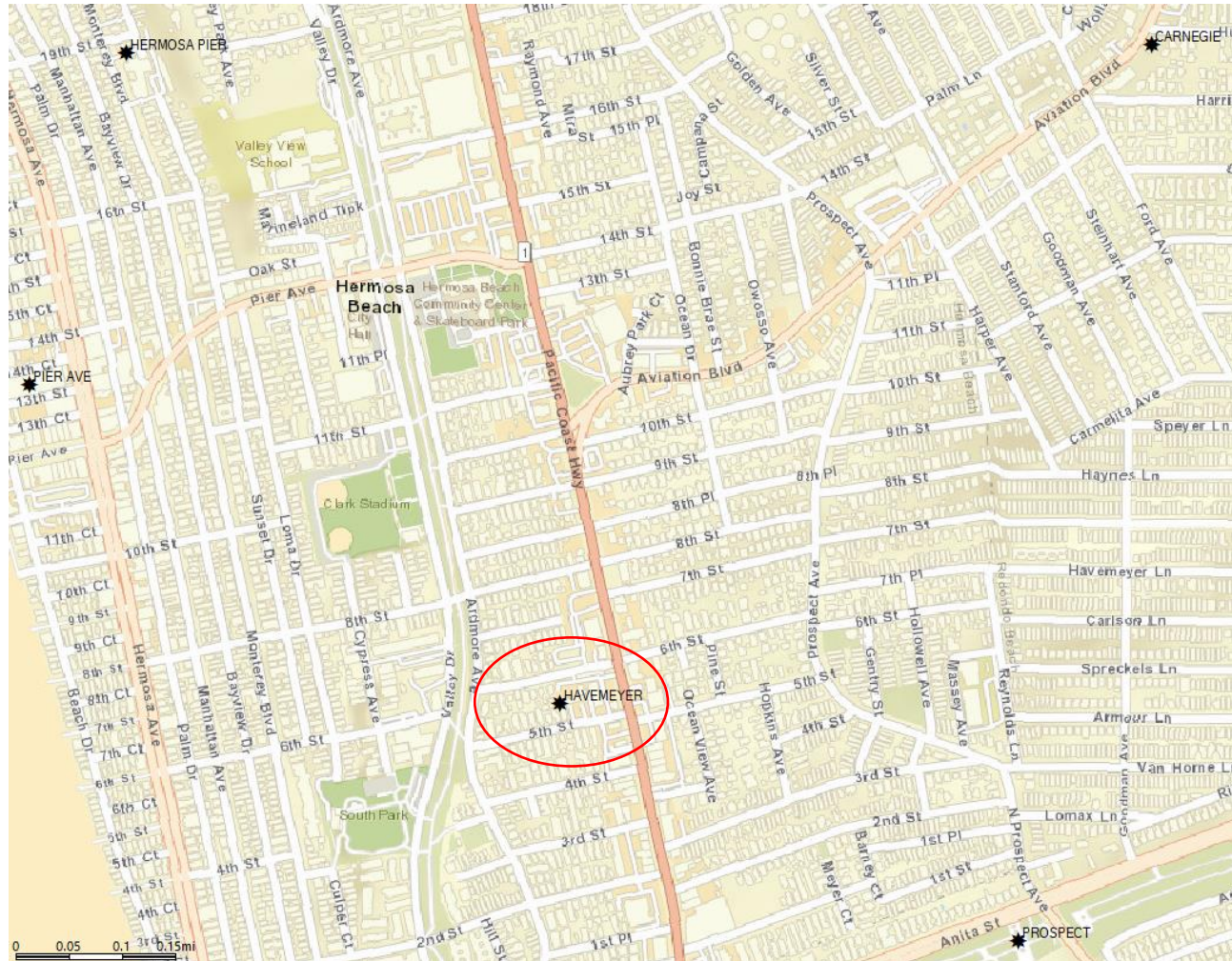
The significant gap is illustrated on the attached coverage map page titled Verizon Coverage without Havemeyer. The gap extends from 14th St, south on PCH to 1st street and from the Pacific Ocean on the west to Harper Avenue on the east side of the gap. The projected coverage of the facility at 725 5th street will not span the entire gap in the network and there will be areas that still lack coverage, but the majority of the gap will be covered from this location and proposed antenna height. The maps below show details of the gap in purple on the map. If the antennas are raised to a higher elevation above the ground, the areas that lack coverage would be reduced if not eliminated. The height of the antennas is limited by the city's development standards to a maximum of 35 feet.

Hermosa Beach Verizon Map

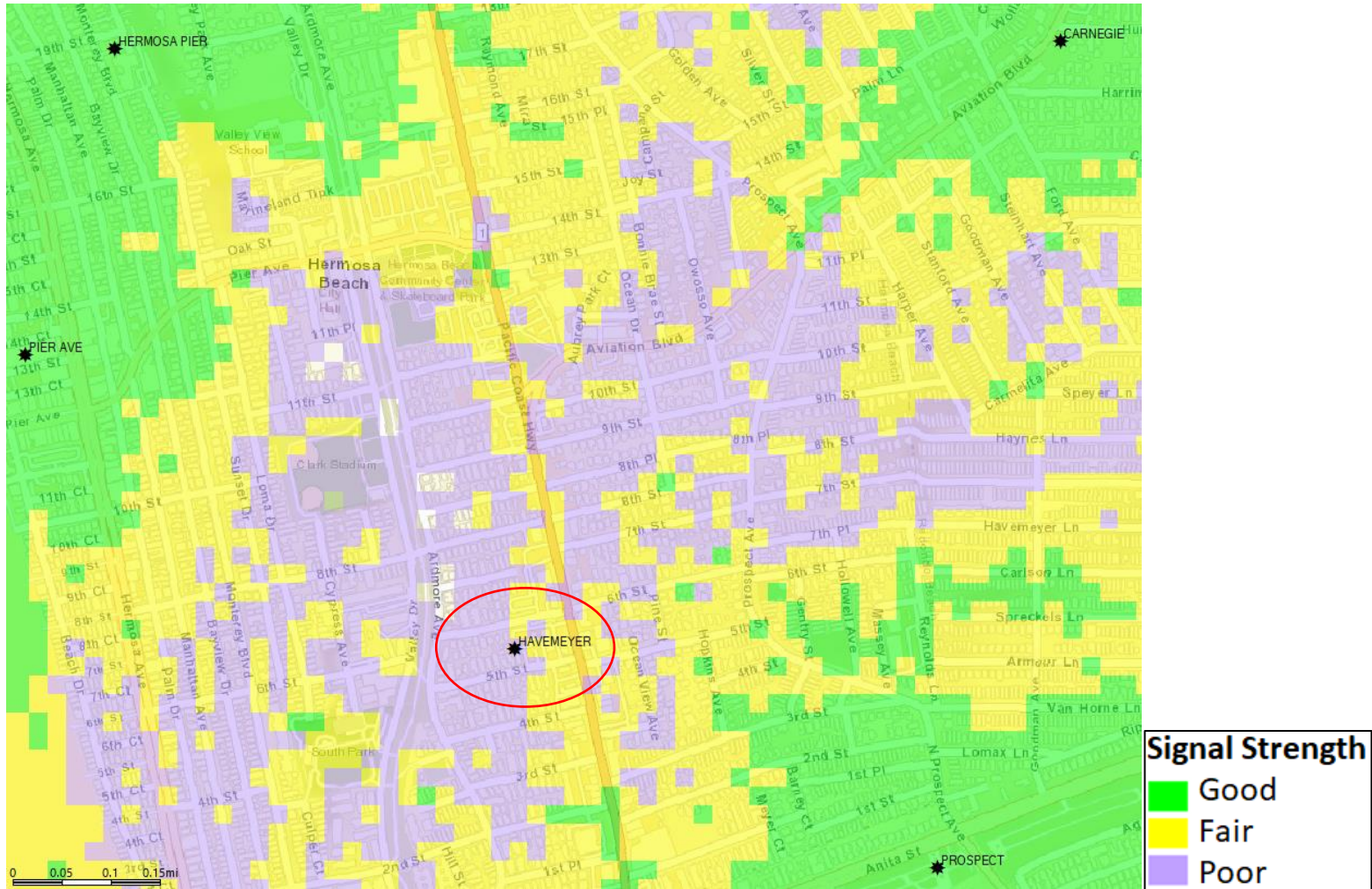


- Macro Sites
- Small Cells

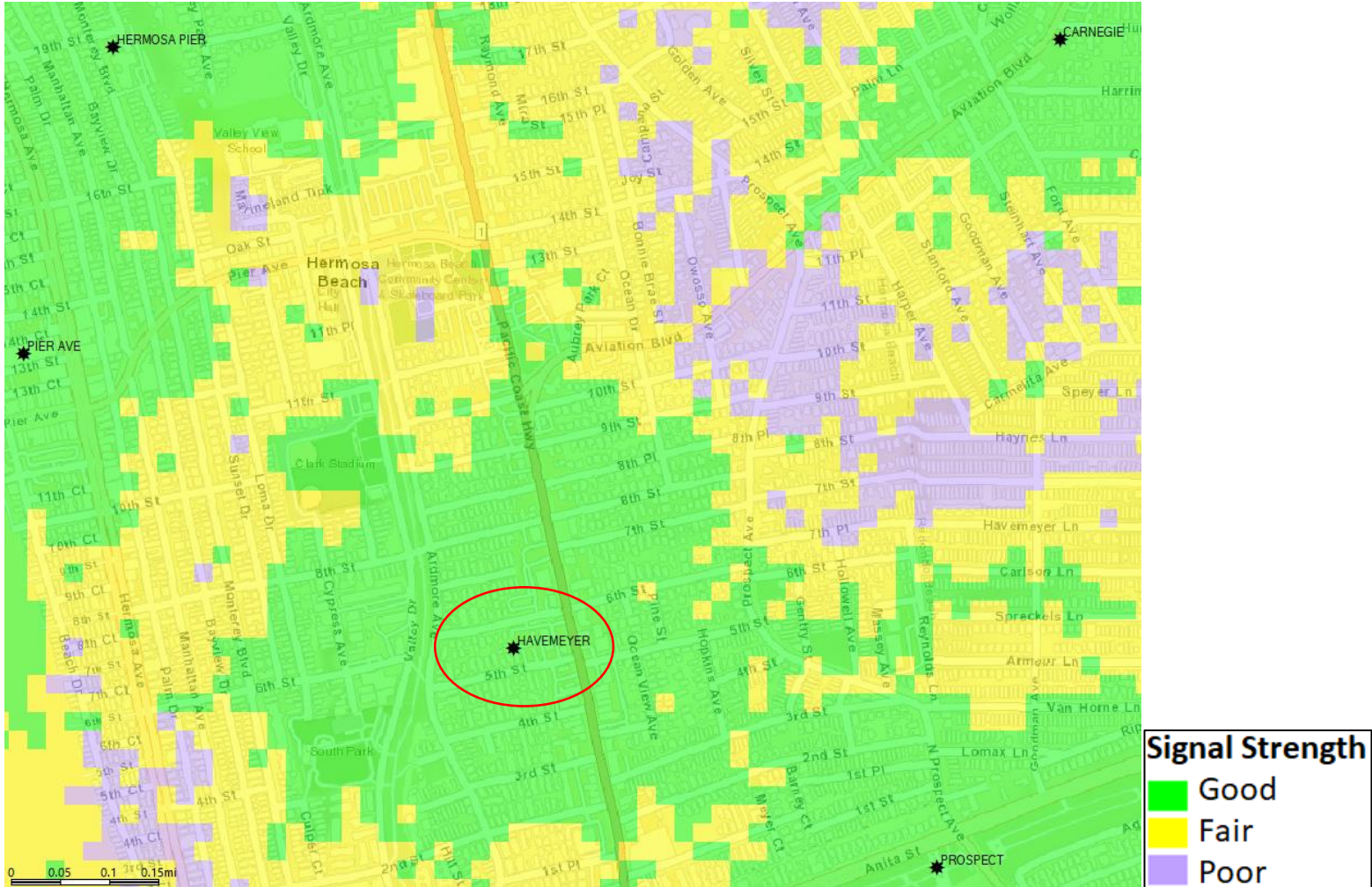
Overview Map



Verizon Coverage without HAVEMEYER

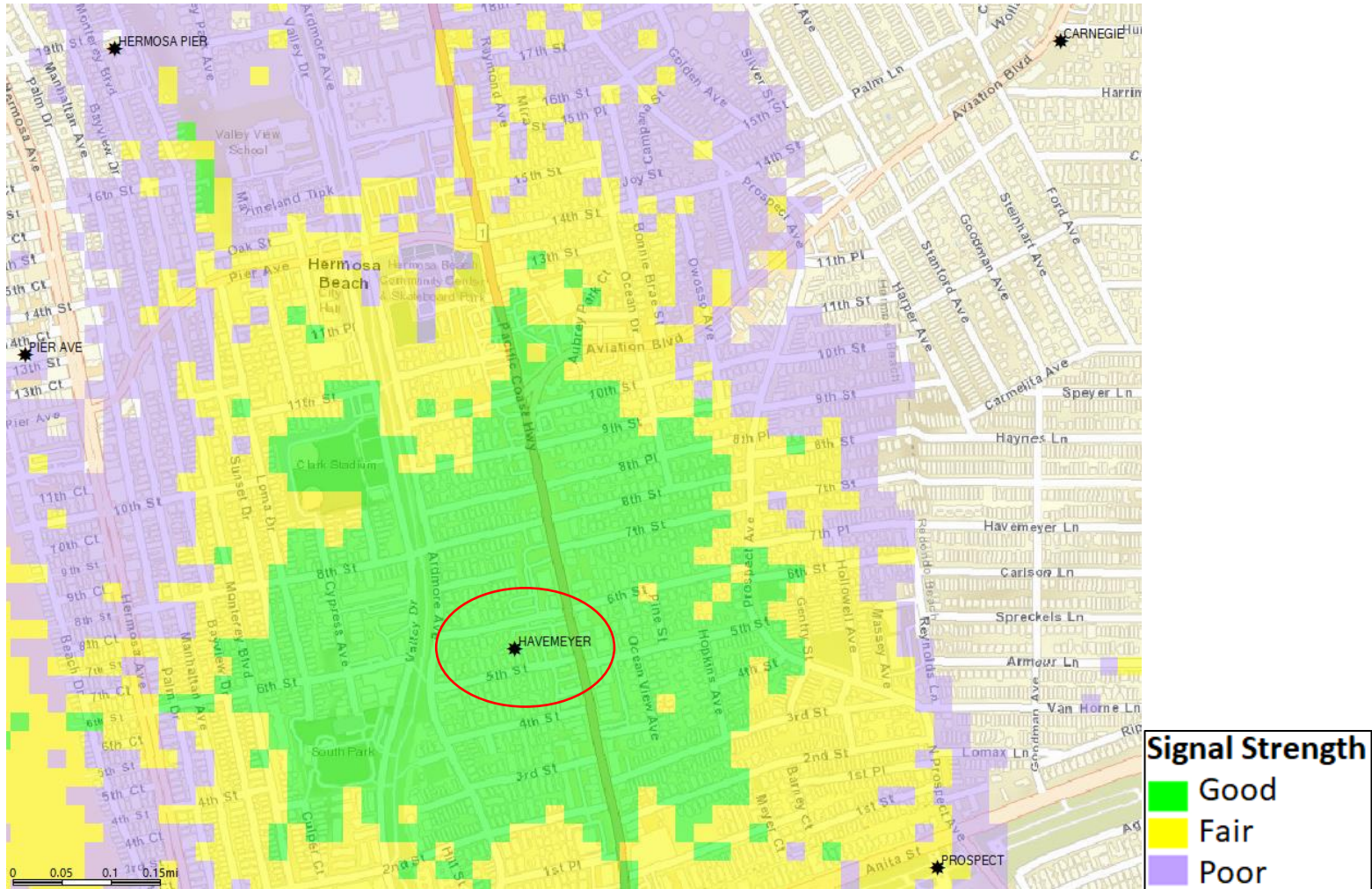


Verizon Coverage with HAVEMEYER



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Verizon Coverage HAVEMEYER ONLY



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Havemeyer

estimated significant gap out line

estimated coverage area of proposed site

721 5th Street

South Park





15505 Sand Canyon Avenue.
Irvine, CA 92618

November 4, 2024

Re: New (or Replacement) Verizon Wireless Facility

To Whom It May Concern:

I write to you on behalf of Verizon Wireless regarding our new (or replacement) wireless facility application. Verizon Wireless declines to provide a list, location map or any other descriptive information regarding our existing facilities due to proprietary and public safety/security reasons. Wireless connectivity has become critical infrastructure and requiring such disclosure could compromise sensitive information regarding Verizon's network. Additionally, disclosing the exact locations of existing facilities could propose security risks as it may expose site locations to those who may intend to sabotage them or access the sites without authorization. Protecting this information is essential for maintaining the integrity and security of the Verizon network, ensuring uninterrupted service for both customers and emergency services by safeguarding critical telecommunications infrastructure.

The existing site location information requested is not relevant to the permit review and findings, as it bears no relation to the coverage / capacity needs at the location identified in our submitted application. Moreover, the city should already have the requested information in its permit records. Requiring wireless providers to divulge proprietary details about their existing facilities could unduly burden them and jeopardize the security of their networks. By focusing on the specifics of the proposed site and its compliance with local regulations, the permit review process can efficiently evaluate the impact and ensure the deployment of necessary infrastructure without compromising sensitive information.

Verizon Wireless and our designated vendor look forward to working with you to process the application.

Yours sincerely,

A handwritten signature in black ink, appearing to read "Daisy M. Uy Kimpang". The signature is stylized and somewhat cursive.

Daisy M. Uy Kimpang
Associate Director – Network Real Estate
Network Engineering and Operations