

AT&T PT99 KNOTT & 33RD FACILITY

Neighborhood Meeting

Alameda / Grant Park Neighborhood Associations

Phillip Kitzes, J5IP / Centerline – Consultant for AT&T
November 15, 2023



Quality Wireless Coverage is Critical in the City of Portland

- 92% of Americans own a smartphone. ¹
- Over 72% of American households rely exclusively on wireless communications in their homes. ²
- Public Safety: 80% of all 911 calls originate from cell phones. ³
- FirstNet - AT&T is building out the Nationwide Public Safety Broadband Network, under the FirstNet Authority.
- Economic Development: 98% of small businesses rely on wireless technology. ⁴
- Residents use smartphones, tablets, laptops at home—all drive the need for reliable and expanded connectivity
- 5G technology will help us connect more devices faster, enable lower latency, increase battery life and handle more data.

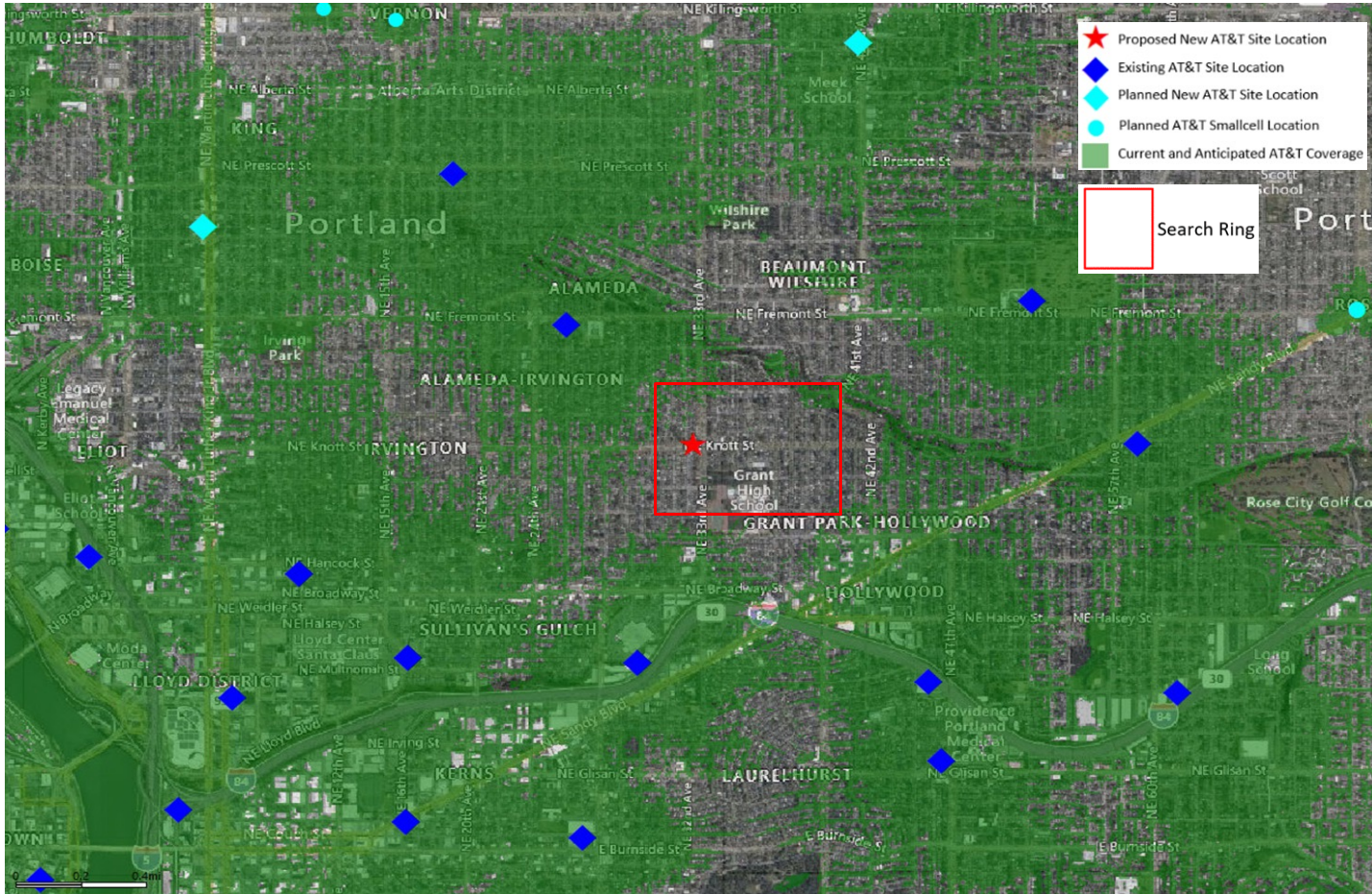
1. https://www.consumeraffairs.com/cell_phones/cell-phone-statistics.html

2. <https://www.cdc.gov/nchs/data/nhis/earlyrelease/wireless202305.pdf>

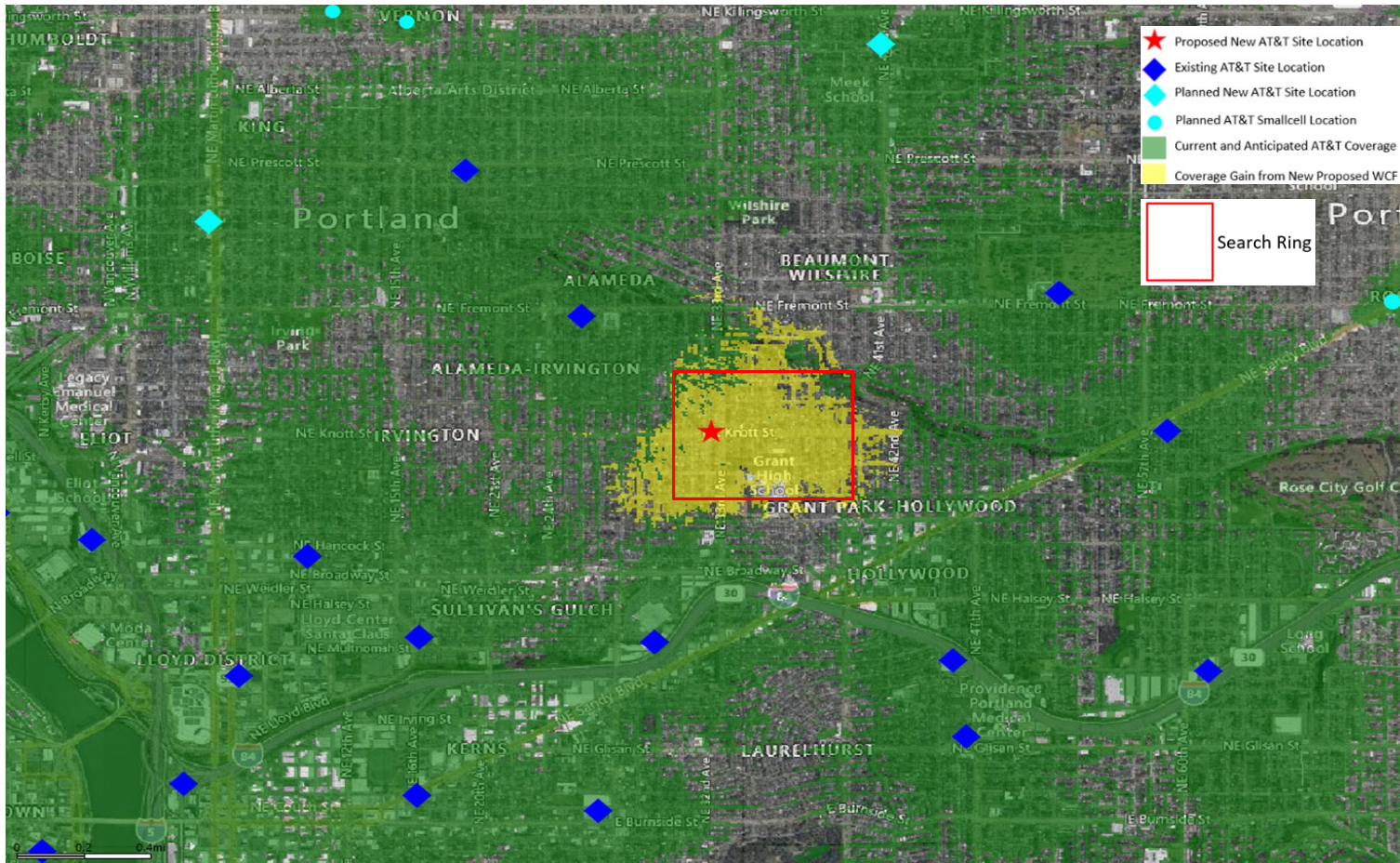
3. <https://www.nena.org/page/911Statistics>

4. <https://www.uschamber.com/technology/new-study-shows-technology-platforms-critical-to-small-business->

Coverage Need:



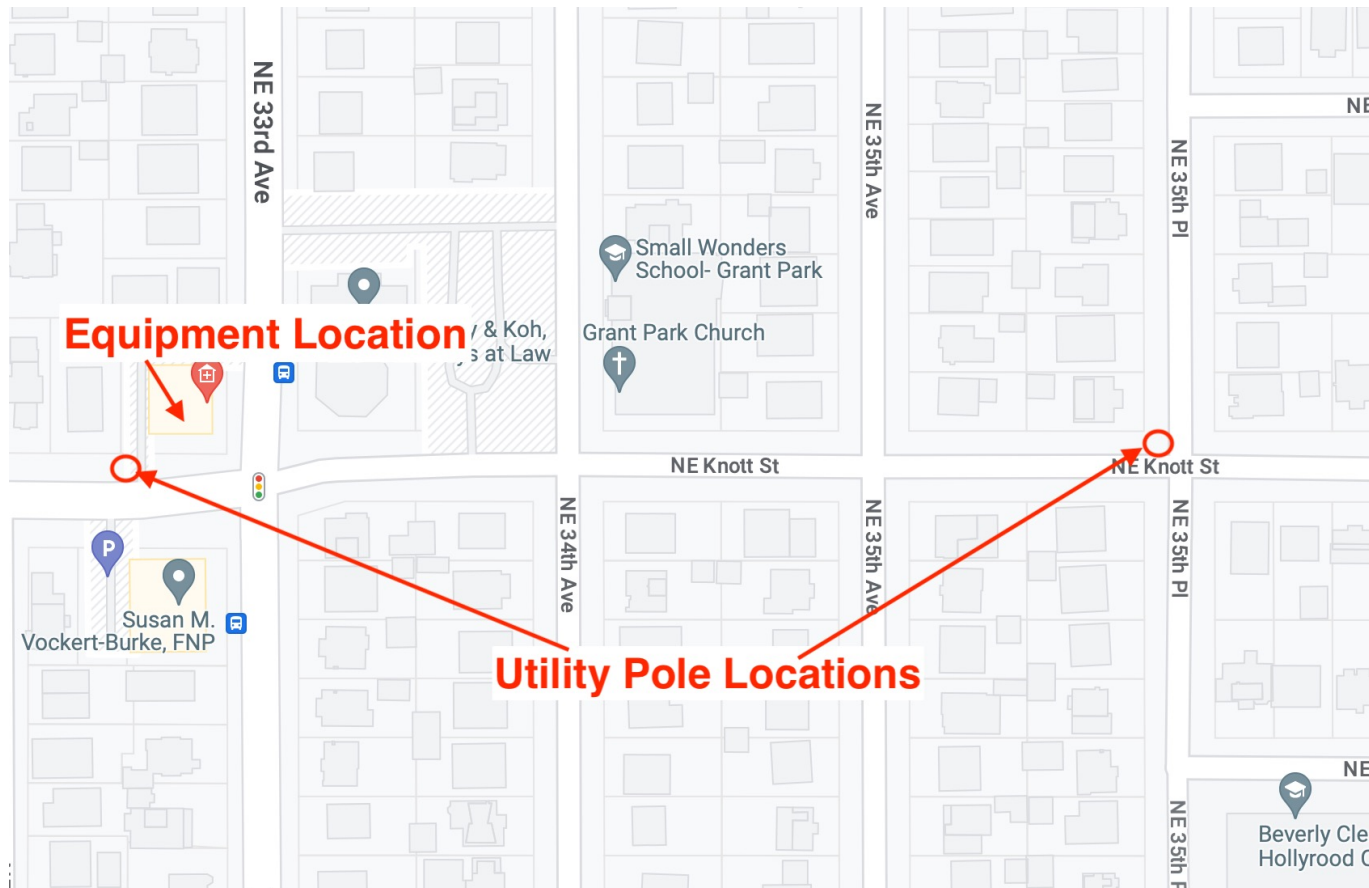
Expected Coverage From Proposed Facility:



Proposal:

- AT&T proposes to place wireless antennas on two separate Pacificorp utility poles to enhance coverage, which was impacted by the removal of an AT&T facility at Grant High School.
- Pacificorp Pole at NE Knott St and NE 33rd Ave (NW Corner): Replace existing pole to add 9.5' in height, Antennas to be placed at top of replaced pole at elevation of 55'.
- Pacificorp Pole at NE Knott St and NE 35th Pl (NW Corner): Replace existing pole to add 9.5' in height, Antennas to be placed at top of replaced pole at elevation of 52'.
- Additional equipment needed to operate the facility will be placed on the rooftop and within a commercial building located at 2707 NE 33rd Avenue.
- Rooftop equipment to be screened, painted and textured to match existing building.

Project Location(s):



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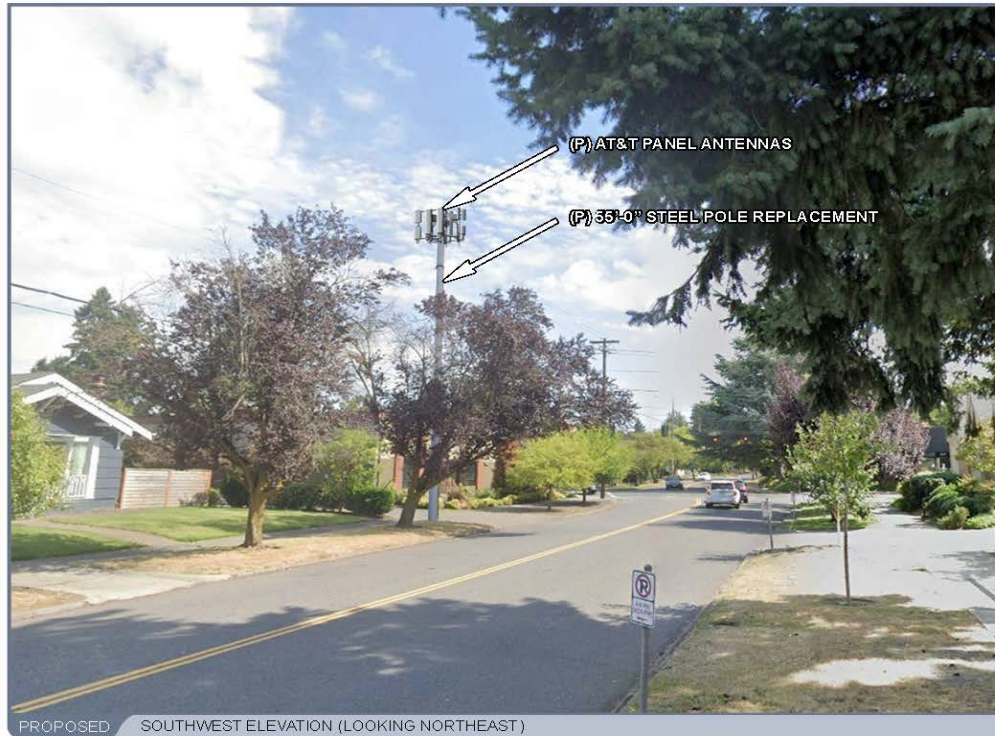
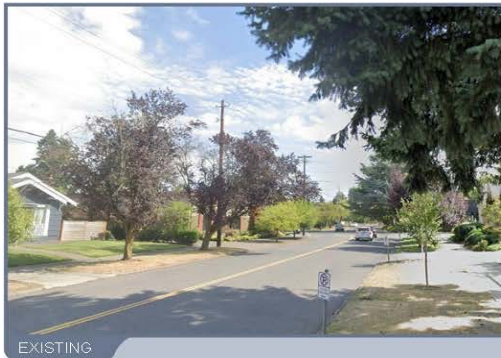


Photo-Simulations: Knott & 33rd



PT99 KNOTT & 33RD

NE KNOTT ST AND NE 33RD AVE
50'-0" STEEL POLE REPLACEMENT
NOVEMBER 03, 2023



Disclaimer: These photographic simulations have been provided to aid in visualizing how the proposed wireless telecommunications facility shown herein would appear if constructed. While these renderings are not an exact science, they have been prepared diligently to accurately reflect dimensions, scale, depth, coloring, texture, and other important elements in the proposed design insofar as the digital medium allows. Taken together with the engineering drawings and other materials submitted with the application, they are fair and reasonable visual depictions of how the proposed site would appear.

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Photo-Simulations: Knott & 35th



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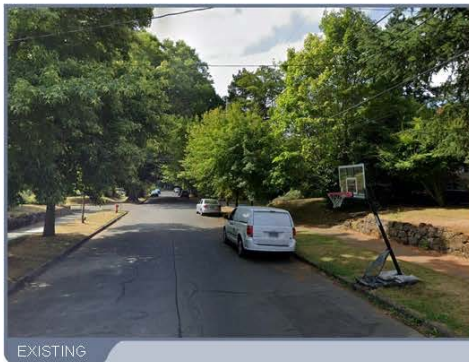
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EXISTING



PROPOSED NORTH ELEVATION (LOOKING SOUTH)

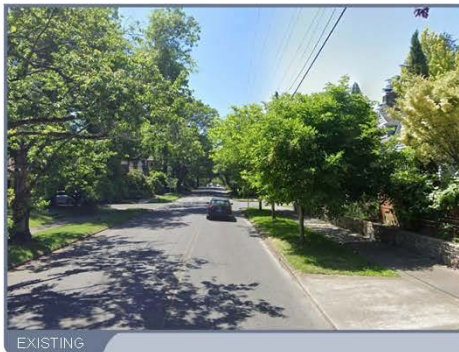
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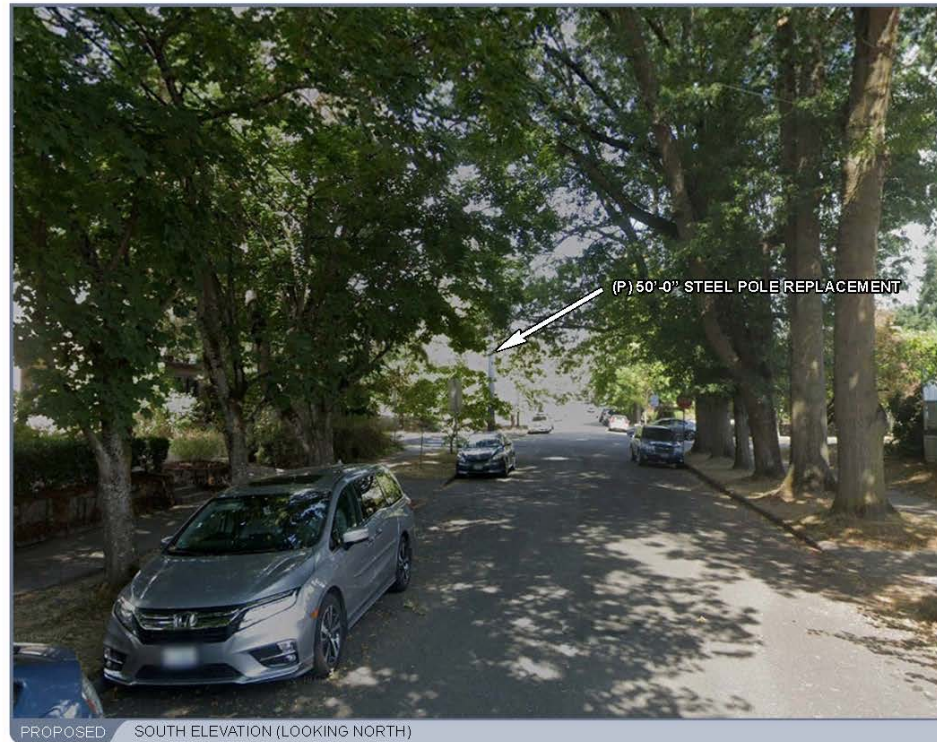


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EXISTING



PROPOSED SOUTH ELEVATION (LOOKING NORTH)

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Radio Frequency (“RF”) Safety:

All AT&T sites are designed and built to comply with federal RF guidelines, which are set by the Federal Communications Commission (FCC).

Federal Communications Commission (FCC), the federal agency responsible for regulating wireless carriers’ RF emissions, has adopted conservative, science-based RF exposure limits for carriers. These limits apply to all wireless carriers and technologies, including current 4G and new 5G services and devices.

The FCC’s mandatory RF exposure limits were developed based on information from health and safety experts including, but not limited to, the U.S. Environmental Protection Agency (EPA), the Food and Drug Administration (FDA), the National Institute for Occupational Safety and Health (NIOSH), the Occupational Safety and Health Administration (OSHA), the National Council on Radiation Protection and Measurements (NCRPM), the American National Standards Institute (ANSI), and the Institute of Electrical and Electronics Engineers, Inc. (IEEE).

For more information: <https://www.fcc.gov/consumers/guides/human-exposure-radio-frequency-fields-guidelines-cellular-and-pcs-sites>

Process Timeline:

- All of the comments received tonight will be included in a summary provided to the Portland Office of Community Technology.
- New wireless facilities within the public right-of-way require Administrative Review by OCT, and construction permitting through Portland Bureau of Transportation (PBOT).
- The proposed wireless equipment located at the building will go through Portland Bureau of Development Services (BDS) permitting processes.
- Following approval, the construction timeline is expected to take 3-4 months.

Project Contact:

J5IP / Centerline

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Questions & Comments?