PO01893F DAVID DOUGLAS HS NEIGHBORHOOD CONTACT MEETING

Wednesday, April 28th, 2021
6:30 – 7:30 PM
Opening Remarks, Introductions, Explanation of Agenda and Procedure

Lenny Borer
Moderator
Wireless Informational Neighborhood Meeting

www.portlandoregon.gov/OCT

(503) 823-5385
Proposed Facility
PO01893F David Douglas HS

Search Area

Existing and Future Wireless Coverage
The Search Ring

Search Ring

Proposed Site Location
T-Mobile Coverage Maps

Closest Street Address: 13343 SE Stark Street; Between SE 133rd Ave & SE 135th Ave

Ground Elevation: 310’          Antenna Tip Height: 96.5’ AGL

Existing Coverage                      Proposed Coverage
Why in this Neighborhood?

The following few slides will answer this question, taking into account that:

• The proposed location is close to the center of the current coverage capacity shortfall, which expands from approximately SE 126th Avenue to SE 141st Avenue and E Burnside Street to SE Mill Street. This area is highly residential, and SE Stark Street this is the only Class 2 priority street, as identified by the City of Portland, that is near the middle of this area.

• Capacity issues are negatively impacting reliability of T-Mobile’s service (slow data throughput, inability to make or keep a call or data connection) and the proposed facility is needed to provide uninterrupted and improved service to the area, including the ability to contact emergency services.

• The service objective is to offer In-Building Commercial coverage to a busy urban area centered around this proposed location, as well as to support data and network demands from the surrounding sites, which allows for a better performing network overall.

• Without the proposed facility, the existing service gap would experience continued unreliable service and the inability of customers living, working, and traveling through the area from reliably connecting to the network or contacting emergency services.

T-Mobile is committed to providing state-of-the-art service to the Hazelwood Neighborhood and greater Portland area for years to come!
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Site Selection & Design
Site Selection & Alternatives Investigation

The following options were all considered and evaluated during our site search and candidate selection process:

• No existing structures were located within the search ring that would achieve the necessary height to achieve the coverage objectives.

• As identified by the City of Portland, SE Stark Street is the only Class 2 Priority street for wireless facilities in the search ring. The rest of the search ring is residential and lower-class street priority.

• Synergy consulted with the Portland General Electric (PGE) representative and T-Mobile RF Engineer to determine that the proposed utility pole is the best available option in this area.
Photo Simulations

Photo Simulation Location Map
Before View Looking Northeast
After View Looking Northeast
Before View Looking Northwest
After View Looking Northwest
Architectural Drawings – Proposed Design
Architectural Drawings – Proposed Design
Architectural Drawings – Proposed Design
Alternative Designs
Contacts

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(East Portland Community Association)

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*Phone number for both Community and Neighborhood Associations
Check-out HowMobileWorks.com

For project information, check out https://howmobileworks.com/for-planners/ and scroll down to “Hazelwood Neighborhood Contact Meeting”
CLOSING REMARKS AND QUESTIONS