



Proposed Wireless Network Antenna
W4088 – 5546 Major Mackenzie
Drive East

Why Does Bell Need This Site?

Coverage issues:

- Service level is degraded by distance and by the trees located between south of Major Mackenzie Drive East
- Bell presence in this area is very important for its customers not only to be able to fully utilise their devices for personal use, but also for the ability to use Emergency Services if needed (including any other carrier's customers)

Capacity issues:

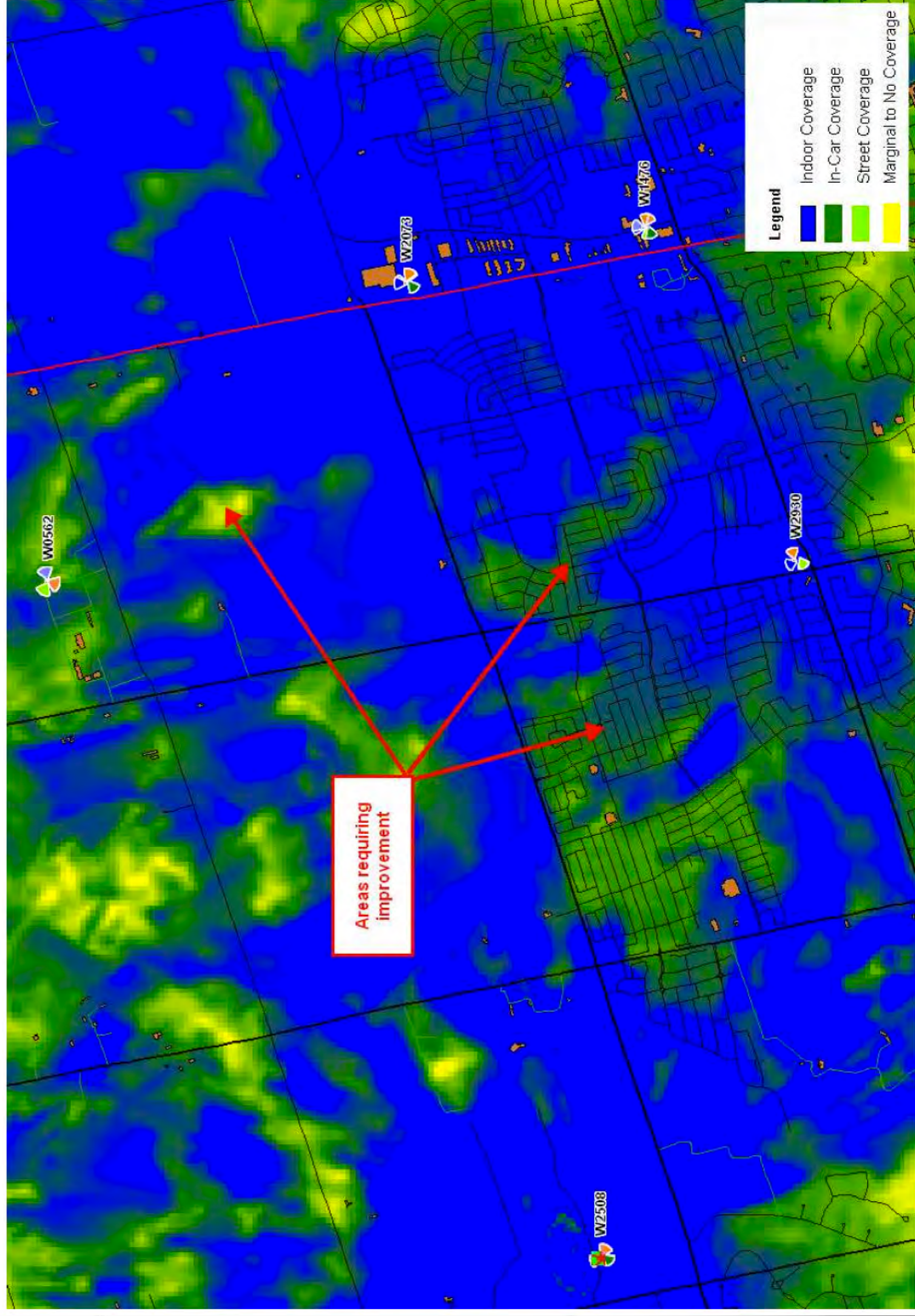
- Bell has a requirement to provide enough capacity for its customers to guarantee network accessibility during peak demand times.
- Network statistics show that the existing antenna site is over capacity and requires relief

Site History

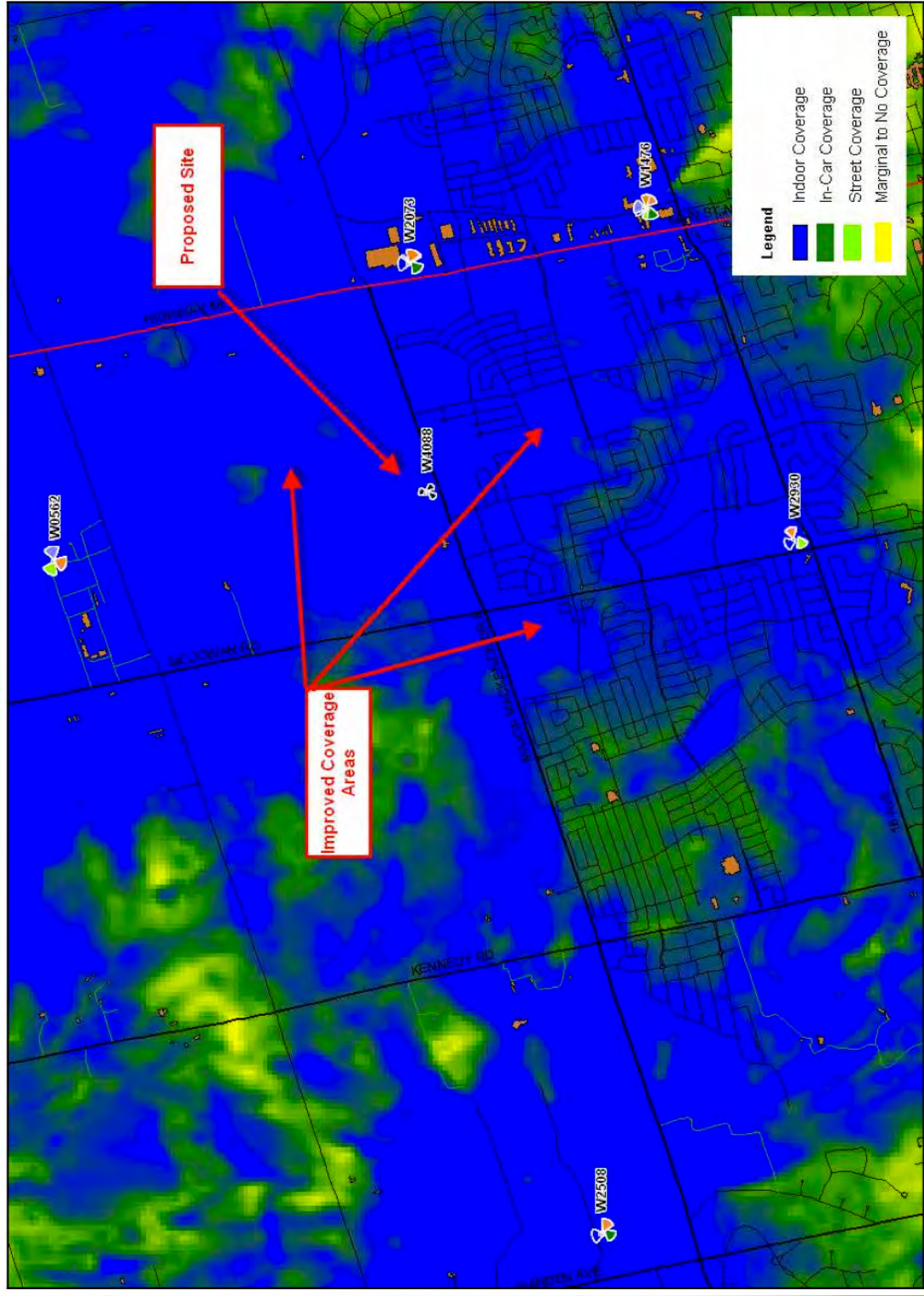
TELUS Approval

- TELUS received approval for a 41 metre monopole antenna on March 3, 2009. There were no community comments or objections to the proposed installation were received.
- Lease was subsequently signed over to Bell Mobility.
- Bell proposal is in the same location, is of the same design, but is 6 metres shorter than the previous TELUS approval.

Existing Coverage / Service Levels



Proposed Coverage – Significant Improvement



An aerial photograph of a residential and undeveloped area. A yellow number '7' is placed on a large, brown, undeveloped lot. To the left of this lot is a large green field. To the right is a row of houses. A road, Mayon Mackenzie Drive, runs vertically through the center. Other roads include Kingsway Road at the top, and Kingsway, Willow, and Kingsway at the bottom. A large green field is on the left, and a row of houses is on the right.

Existing Antennas in Area



Proposed Design

- 35-metre monopole
- Equipment shelter at the base, within a fenced enclosure
- Setback 72m from Major Mackenzie Drive
- Satisfies radio frequency engineering requirements and will provide a significant improvement in the area
- Fully complies with Safety Code 6 by a large margin



Public Consultation

- Hosted an open house on September 4, 2012. Attended by Councillor Moretti and Rick Cefaratti (Planning). No members of the public attended.
- One letter of objection was received from Eglinton Golf Enterprises Limited. No reason for the objection was provided, and no follow-up comments were received.