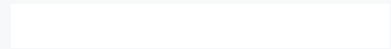




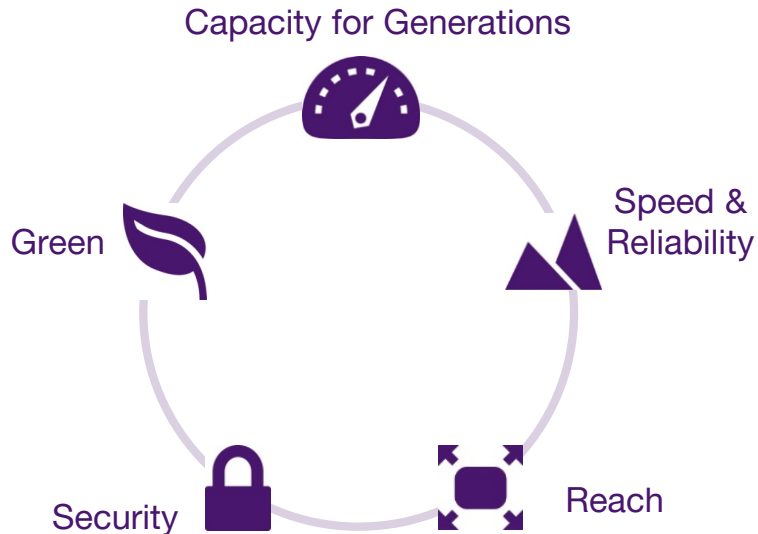
TELUS Community Update

Brian Bettis

March 2021



Benefits of PureFibre: A multi-generational opportunity

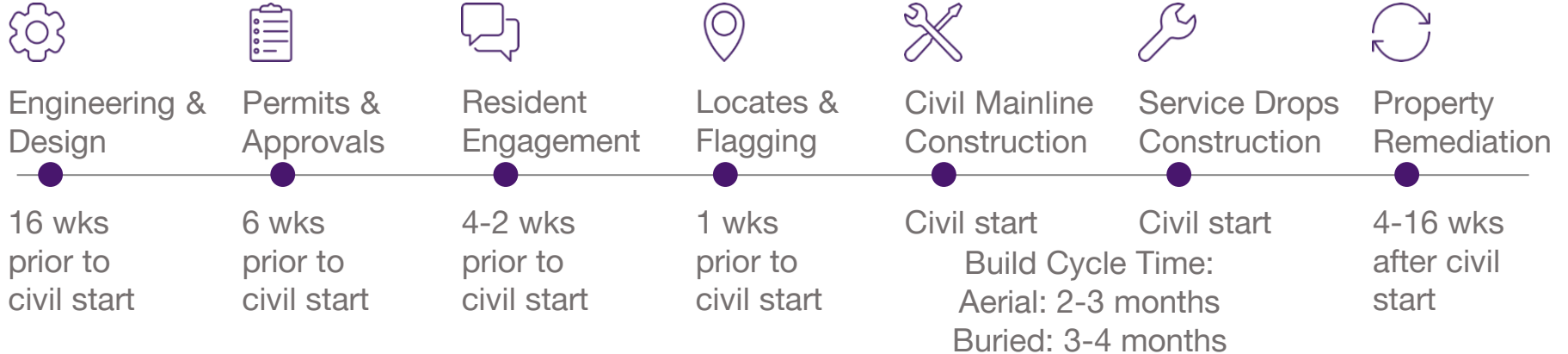


- TELUS funded, business focused build.
- Our fastest (up to 1.5Gbps today) and most reliable internet.
- Multi-generational capacity - can grow with your community.
- Opportunity for Mobility and Wi-Fi signal improvements.
- Enables Smart-City and IOT initiatives.
- “Green” footprint - completely passive: no power or electronics required.
- Reduced footprint - up to 30km’s from central switching location to premise.





Build Process

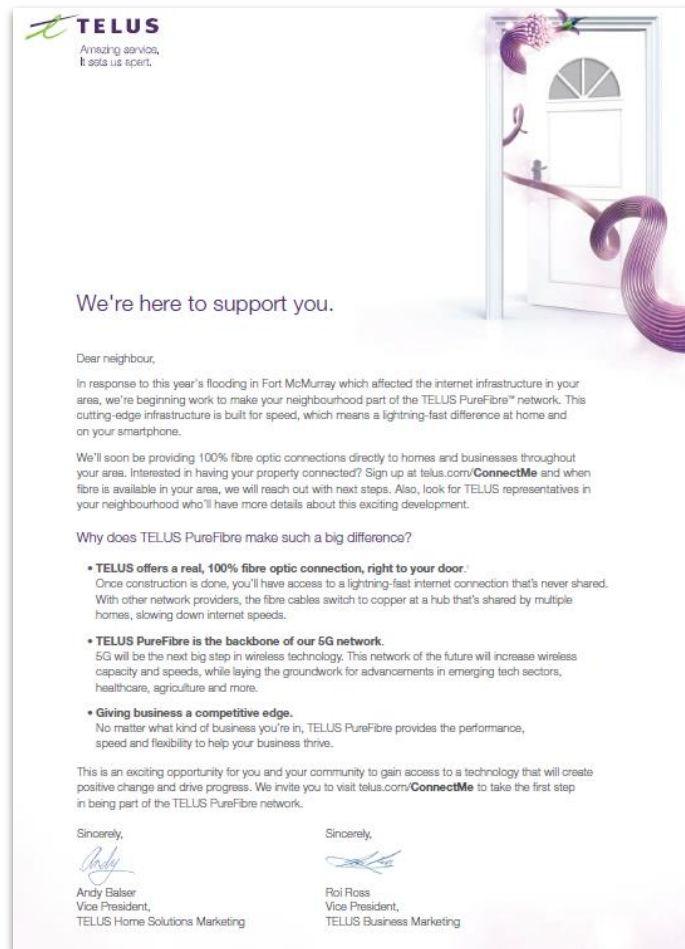
TELUS PureFibre Build Process




*Note- All date projections subject to weather

Communications & Residential Engagement

- Marketing campaign to educate and inform residents
- Mail out letters
 - Initial PureFibre letter
 - Construction Letter
 - Contractor handouts
 - FDH & Service vault placement
- Billboards, signboards, A-frames, construction sign
- TELUS PureFibre is Coming:
 [youtube Link](#)
- TELUS PureFibre What To Expect During Construction:
 [youtube Link](#)



Communications & Residential Engagement



TELUS
Amazing service.
It starts us apart.

We've started our TELUS PureFibre build in your area.

You may have noticed more TELUS trucks in your neighbourhood than usual. That's because we're getting it ready for TELUS PureFibre™, the #1 internet technology for speed and reliability, as our way of supporting the community in response to this year's spring flooding which affected the internet infrastructure in the area.

Interested in having your home or business connected to our 100% fibre optic network? Simply sign up at telus.com/ConnectMe. Then, when the work in your neighbourhood is complete and your property is ready to be connected, we'll contact you to place your order.

During our TELUS PureFibre build, you can expect:

- Construction in your community to start between September and November 2020, with work in your neighbourhood usually lasting 6–8 weeks
- Signage to notify you when crews are currently working in your neighbourhood
- Excavation in the roadway and on public property to install cables and infrastructure
- Construction to take place during the hours of 7 a.m. and 5 p.m.

Interested in TELUS PureFibre? Visit telus.com today. Then, once construction is complete, you'll have the opportunity to switch your services to TELUS PureFibre and experience the fastest internet technology in Western Canada.

Get started today:

Visit telus.com/ConnectMe to register your interest in bringing a 100% fibre optic connection right to your door.

If you have questions or concerns regarding the construction, please contact:

Build Partner:
Unified Systems Group


Phone:
1-866-892-8988

Have questions about the TELUS PureFibre build process? We've got answers.

Q: How does TELUS PureFibre make a difference?

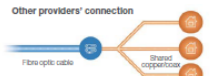
A: TELUS offers a 100% fibre optic connection, right to your door: With TELUS PureFibre you'll get a connection that's all your own, and never shared with neighbours.

TELUS' connection



With other providers' networks, connections switch to copper cables at a hub and split into lots of homes, creating a shared network and slower internet speeds.

Other providers' connection



Q: How does running TELUS PureFibre cable affect my property?

A: Whether we hang your fibre aerially or bury it underground, the work will not affect your property in any significant way and we restore all property to the same condition prior to construction.

In places where your grass will be impacted, we'll also clean the area and plant grass seed. However, this will happen only after the entire build in your neighbourhood is complete, which could take 6 to 8 weeks.

Some grass restoration may also have to wait until spring when the ground thaws. In some cases, lawns may take longer than expected to fully recover after we've planted new seed.


Q: Where is the utility Right of Way, and will it need to be accessed?

A: Generally, we conduct our work within 2 metres of the property line in accordance with approved city permits. The city and various utility companies have the right to access the utilities or services that are commonly buried within the utility right-of-way, such as electrical lines, telephone lines and internet cables for homes and businesses.


Q: What is the process to get fibre to the point of access in the house?

A: There are two main methods of installation and we'll always pick the one that's the least intrusive for your property.

For an underground installation, we drill a path for a conduit pipe that will run from a belowground "flower pot" box (pictured below), right to the house. We use either a small plow, a compact drilling unit, or hand spading, so there's very little ground disturbance. We do not use large machinery.



For an aerial installation, we connect a fibre cable along the aerial network, typically installed next to a pole and attached to the aerial strand and directly to the house. A small termination box is installed onto the side of the house as well.



Q: Can I get more info on the process?

A: No problem. Visit telus.com/FAQ for more detailed answers.

Quality & Remediation

- Goal is to restore hard & soft surfaces to the pre-construction state
- Soft Surfaces
 - Top Soil & Seed
 - Hydroseed
- Hard Surfaces (concrete and pavement)
 - Core & keyhole process



Public and Worker Safety

- Public safety is the highest priority
- Secured excavations
- Construction Signage
- Traffic Management
- COVID-19 Processes



Safe Worksites



Snow fence around larger excavations



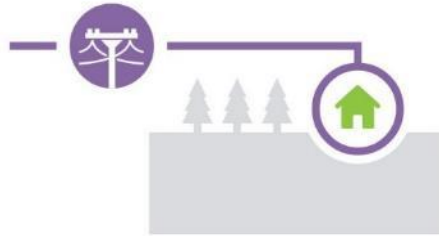
Secure and covered excavations



Thank You



Connecting a “drop” to a home or business



A- AERIAL

The cable is brought along existing lines across the yard



B - CONDUIT

The cable is fished through existing conduit piping underground and coiled on the side of the house.

C – DIRECT BURIED

The cable is buried underground using a small machine with minimal impact



What PureFibre means to Business

Creates a robust digital technology infrastructure ecosystem, establishing a platform for businesses to operate on the same playing field. Driving local benefits in supporting:



Innovation



Business to Business



Global Digital Economy



Employee Retention
and Attraction

Enabling local businesses to draw upon the technology needed to reimagine how they deliver existing services and develop entirely new solutions with higher speeds and greater capacity.

\$0

Cost to business to
physically connect to
PureFibre

\$135

Small Business
PureFibre 1GB/1GB
Monthly Plan



Provides businesses a competitive edge, with the speed they need to operate locally and compete globally.