

YRH – FTTH and outside plant

Planning, design, engineering and management

SOLUTIONS

YRH provides multiple solutions to help you with your telecommunication projects. From surveys, testing & measuring, design to cost evaluation, project management and training, we will help you complete your projects.

ENGINEERING

Our professional engineering team will design an efficient solution adjusted to your needs, whether they are a simple project, a complex system or a network.

CONSULTING

Our vast experience and recognition in multiple telecommunication sectors give our engineering team the knowledge to help you in your telecommunication projects.

Our independence from service providers and manufacturers is your guarantee that we will provide the best solutions for your needs.



YRH Inc. is an engineering firm specializing in telecommunication and wireless communications projects.

YRH's expertise in the field of "Fiber-to-the-home" (FTTH) and outside plant allows us to offer you quality services at the cutting edge of technology.

We are recognized by most public service providers and work in collaboration with them in a regular basis. We are familiar with provincial and Canadian requirements and standards from the outside plant and FTTH world.

Since 1967, we have worked, planned, and designed for, and with, telecommunications and cable operators, as well as critical infrastructure organizations such as electrical utilities, mining industries, railways and transport transit authorities.

Whether for increased workload, niche services or non-traditional projects, YRH offers technical assistance and complementary expertise, from studies to detailed engineering, in a highly competitive and innovative market.

Combining experience and innovation, our engineers and specialists are dedicated to the success of telecommunication projects, **YOUR** projects.

NOS SERVICES

- + Consultation
- + Surveys
- + Technical audits
- + Route and sites selection
- + Design
- + Layout design via Zonedge
- + Deployment solutions
- + Cost estimate
- + Project management
- + Site supervision
- + Technical support
- + Post construction Certification
- + Network drawings
- + Splicing table/drawings
- + Fiber allocation schematics
- + Permit demand (pole, buried, utilities, municipal, bridge, railways ...)
- + Pole Calculation (Simpas & SpidaCalc or Quick Pole)
- + Utility Power Engineering
- + Various GIS and software platforms

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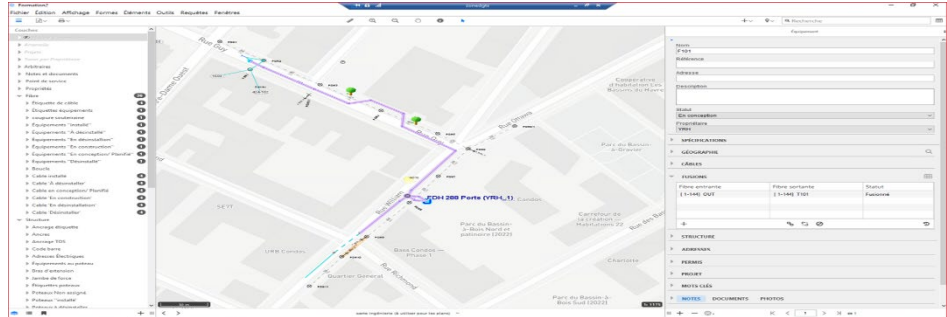
ABOUT YRH

At the heart of our organization is a dynamic and experienced team of consulting engineers specialized in broadcasting and telecommunications, with a solid reputation for problem-solving.

Founded in 1967, YRH has completed projects in more than 50 countries across 5 continents, in a variety of climatic conditions and work environments. Our vast and varied experience is at your disposal in this increasingly competitive domain.

Our strength lies in our dedication to the excellence of our work and our attention to the needs of our clients. At YRH, we do not only work hard for you but also with you to ensure your entire satisfaction at every stage.

YRH Inc., your expert consultants in telecommunications, broadcasting and wireless networks since 1967.



Typical YRH services and deliverables are defined as follow :

- ✓ Analysis and planning of outside plant and FTTH networks, as well route selection.
- ✓ Cost estimate and Bill of Material (BOM).
- ✓ Surveys of all existing infrastructure, including road design and possible solutions, including conventional aerial network, buried network, in conduits, depending on the needs of the project.
- ✓ Network design drawings/GIS with FTTH software "Zonedge" format which will be exportable for the customer in their "Sandbox", when required other software platforms are used.
- ✓ Drawings/GIS production allowing fiber optic cables sizing and types, positioning of terminals and positioning of "splitters" and splicing boxes.
- ✓ DWG (via Autocad) or PDF (via Bluebeam) -type drawings issue for permits and construction.
- ✓ Realization of the engineering for an FTTH type project for the deployment of an optical network.
- ✓ Realization of specialized permit requests such as highway provincial, municipal/private routes, railways, or utilities line crossings.
- ✓ Realization of permit requests for pole attachment permit for energy, municipal or telecom utilities.
- ✓ Preparation and verification for table sheet for pole permits.
- ✓ Preparation and verification for pole loading when applicable with SpidaCalc our Quick Pole.
- ✓ BOM preparation for major equipment for the FTTH network deployment (cables, splicing boxes, LCP, OLT, terminal splitters).
- ✓ Schematic realization for fiber optics assignment.
- ✓ Technical support along the project during planning, design, and construction.
- ✓ Project management and coordination for the power engineering anomaly.
- ✓ Site supervision – from the office and on site.
- ✓ Project management and coordination for the construction deployment.

Engineering, Expertise, Experience

We believe that YRH can be a key player in YOUR telecommunication projects.

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YRH

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