



WHITEHORSE GENERAL HOSPITAL EXPANSION PROJECT

WHITEHORSE, YT



QUICK FACTS

- + Healthcare Expansion
- + Emergency Department
- + Design-Build Delivery
- + Data Centre
- + 55,000 square feet (approx.) additional space
- + Work with Yukon Territorial Government
- + Smith + Andersen Electrical, Security, Communications, and Audio-Visual



WHITEHORSE GENERAL HOSPITAL EXPANSION PROJECT

ABOUT THIS PROJECT

- + Expansion to Whitehorse General Hospital – the main acute care facility servicing the entire Yukon Territory, situated along the Yukon River.
- + Design and construction of an entirely new emergency department, including a new diagnostic imaging department with a CT scanner and a new intensive care unit.
- + Emergency department includes ambulance drop-off garage / decontamination suite.
- + Addition houses the main data centre for the Yukon Health Corporation (YHC), including full emergency power generation systems.
- + Project also included a new emergency medical services (EMS) building for the Whitehorse Ambulance Service, which included an ambulance garage, office areas, crew areas, storage, training rooms, communications/dispatch suite, communications/LAN room, mechanical/electrical rooms, as well as emergency power generation systems and radio communication support needs for the building.
- + Both the EMS building and the expansion space required new electrical services, necessitating a new hydro transformer and outside generator.
- + Entire IT network is located within the new, Tier III data centre which hosts all critical main / redundant servers, storage area network, and patching for the YHC network.
- + Physical network also supports virtually separated critical clinical and building systems (e.g., Nurse Call, real-time locating systems, video surveillance).

LOCATION

Whitehorse, YT

SMITH + ANDERSEN SERVICES PROVIDED

Electrical, Communications,
Security, Audio-Visual

KEY TEAM MEMBERS

Yukon Territorial Government
CEI Architecture (HDR
Architecture)
PCL Constructors Westcoast

SIZE

TOTAL: 55,000 sq. ft. (5,110 sq. m.)
Expansion: 50,000 sq. ft.
EMS Building: 5,000 sq. ft.

BUDGET

Confidential

COMPLETION YEAR

2017

HOT BUTTONS

DESIGN-BUILD

HOSPITAL

EXPANSION

SECURITY

TELECOMMUNICATIONS

EMERGENCY SERVICES

TIER 3 DATA CENTRE



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