

Project Update

Grande Prairie Regional Hospital



Overview

- The new 64,000 m² Grande Prairie Regional Hospital will provide a wide-range of health care services including surgery, cancer care and emergency services.
- The new hospital has been planned to meet the population needs up to 2025 with future expansion capability.
- 200 inpatient single rooms – including medical, surgical and rehabilitation, intensive care, cardiac care, obstetrics, neonatal intensive care, pediatric and mental health beds.
- The hospital will include a state-of-the-art cancer centre with two new radiation vaults, bringing new radiation therapy services to the community and the surrounding region.
- Obstetrics – space for an anticipated 2,150 annual births in the region by 2025.
- The hospital will include a health care training facility in partnership with the Grande Prairie Regional College.
- Ambulatory programs will include specialized diagnostic procedures/clinics and medical day care, and a cardiac/respiratory program that will provide localized testing and treatment to patients with cardiac and respiratory disease processes.
- The existing Queen Elizabeth II Hospital will continue as a health care facility providing ambulatory primary care, outpatient mental health and community health services.

Hospital services:

- Emergency department
- Ambulatory care department
- Cardiac/Respiratory department
- Rehabilitation & Spiritual care
- Cancer Centre including day treatment and radiation therapy
- Neonatal intensive care unit
- Nine operating rooms with ability to add one more
- Laboratory services
- Diagnostic imaging including MRI and future expansion capability
- Intensive/Cardiac care inpatient unit
- Three Medical/Surgical inpatient units (ability to expand to four units)
- Mental health inpatient unit
- Obstetrics inpatient unit
- Pediatric inpatient/outpatient unit
- Pharmacy services
- Health care training areas

Construction Update

- Construction activity on the Grande Prairie Regional Hospital is moving forward and is on schedule for completion in 2017.
- This \$621 million project will provide comprehensive cancer care through a new regional cancer centre and will eliminate the need for patients in the region to travel to Edmonton for radiation treatment.

What has been completed recently

- Detailed design for most of the west building departments (Diagnostic, Therapeutic, Support Services and Education) has been completed and tendered.
- Construction activity continues on the superstructure with concrete pouring on the foundations, floor slabs, and stair and elevator shafts.
- Concrete has been poured for the one of two radiation vaults (walls are up to 2.4 metres thick at the Centre of radiation treatment area).

What are we working on now

- Detailed design for most of the east building departments (Cancer Centre and Inpatient Units) are nearing completion.
- Pouring of concrete on level three of the main building is well underway.
- Work on the electrical and mechanical distribution systems, complete building envelope, glazing and roofing packages is underway.
- Work continues on the superstructure, which is about 60% complete.
- Submissions for the west fit-out package tender are being reviewed.

What's happening next

- The Door and Hardware tender package has been completed and work will get underway in 2015.
- Design work has started on the Parkade (1,100 stalls, Alberta Health Services will be managing this project).

Interesting Facts

- It took 36 loads or 216 cubic metres of concrete to build the walls of one radiation vault. Two radiation vaults will be built for this project.
- When the concrete was being prepared, ice chips had to be added to lower the temperature of the concrete, prior to the concrete being poured for the radiation vaults to reduce the heat generated by the curing process.
- Under federal regulations, when the concrete for the radiation vaults was being poured, a nuclear physicist; from Alberta Health Services was on site to oversee the pouring of the concrete.

Further information on this project is available at:

www.infrastructure.alberta.ca/3797.htm

www.albertahealthservices.ca/2408.asp



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