

16TH EDITION

Keeping you informed on progress and plans for the New Windsor/Essex Acute Care Hospital Project. Brought to you by the Project Management Office.

Project Vision

Create a state-of-the-art treatment and healing environment for all of those who we care for; a supportive workplace with the latest technologies to allow all of our staff to provide the most efficient and highest quality care, in a new hospital that supports well-being and has the capacity to provide timely, patient and family-centred care for generations to come.

Project Update

The summer weather may be starting to cool, but things are continuing to heat up in the PMO office. Preparations are now underway to build and strengthen the team and ensure required expertise is in place to ensure a smooth transition into the next planning stage. This includes further development of the facility's design and the start of the tendering process to select a final design and builder for the new hospital.

Following a competitive bidding process, Angus Connect, a division of HHAngus & Associates Ltd., was selected to develop and implement the Information Communication Automation and Technology (ICAT) strategy for the New Windsor/Essex Acute Care Hospital (NWEACH) Project. The tendering process is now underway to select an Operational Readiness consultant to ensure a smooth transition for staff and patients when the new hospital opens. The team is also currently evaluating bid submissions for a retail consultant, who will help us optimize the retail opportunities in the new hospital and ensure the right products and services are available and easily accessible. All open project-related procurement opportunities can be found online throughout the planning process at bidding.com.

The recruitment process for internal leadership to support the project is also underway. Job postings for several key

leadership positions are now online. Everyone is encouraged to check out the [hospital job board](#) for more details, and share the postings with qualified individuals who may be interested in being part of this transformative project.

The Ouellette Campus

Following the Stage 1.3 Submission to the Ministry of Health for the NWEACH project in April, the team's focus has shifted to planning the future of the Ouellette Campus. The downtown location, which will include an urgent care centre, pharmacy, laboratory, diagnostic imaging and some outpatient procedures, is a critical part of future service delivery plans for the region. The goal of the planning team is to maximize use of good infrastructure in the current facility, while providing safe and effective healthcare to the downtown core.

After meeting with relevant User Groups in early summer, the team at Parkin Architects is now drafting and refining options for the reuse of Ouellette. The Stage 1.3 submission is expected to be ready for submission to the Ministry of Health later this year. The submission will outline the future scope of services at the Ouellette Campus and support the Ministry in its ongoing review of the Stage 1.3 plans for the new hospital, by offering a complete picture as to how healthcare will be delivered in the region.

PROJECT MANAGEMENT OFFICE TEAM MEMBERS

New Windsor/Essex Acute Care Hospital Project

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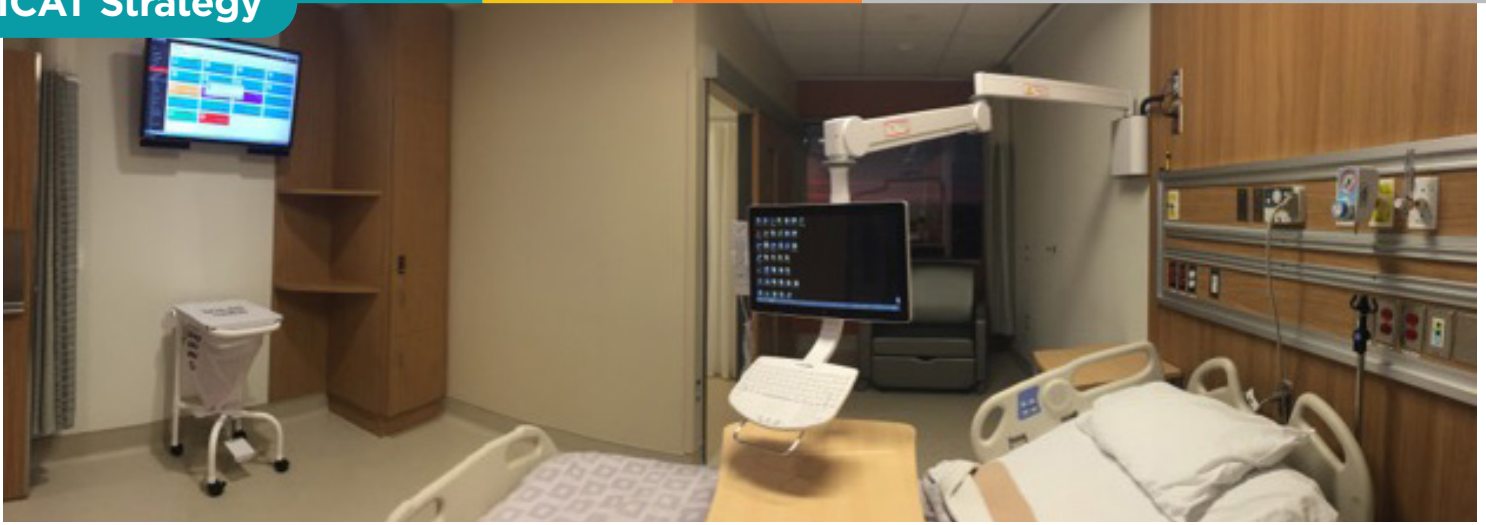
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Learn more about the project and subscribe to the project email list for updates at www.WindsorHospitals.ca



Planning is currently underway for the future of the Ouellette Campus. The downtown location, which will include urgent care, pharmacy, laboratory and some outpatient procedures, is a critical part of future service delivery plans for the region.



KEEPING PATIENTS CONNECTED: From the computer device next to every patient bed at Humber River Hospital, patients can see their medical records, FaceTime their nurse, order meals, control the lighting and temperature in their rooms, stream videos and much more. These once unique features are becoming the standard in new patient rooms.

Shaping the Future of Healthcare with Information, Communication, Automation, and Technology

Defining what it means to be “state-of-the-art,” starts long before shovels hit the ground for new hospital construction projects. In the coming weeks, Windsor Regional Hospital (WRH) staff, professional staff and hospital users will begin this journey, with the help of Angus Connect, a division of HHAngus & Associates Ltd.

Following a competitive process, the leading technology consulting firm was selected to develop and implement an Information, Communication, Automation, and Technology (ICAT) strategy for the New Windsor/Essex Acute Care Hospital (NWEACH) Project. This multidisciplinary team of IT, healthcare and engineering professionals will support the project through the indicative design, tendering and construction stages.

“It is an exciting time to be part of planning that can support a lasting legacy for the hospital and the Windsor-Essex Community,” says Chris Byczko, Digital Strategist for the project.

Byczko says healthcare in Canada is experiencing a technology-driven renaissance as it moves away from the dark ages of paper-based care and today’s hospital is much more advanced than those built even a decade ago.

In 2015, Humber River Hospital opened

North America’s first fully-digital hospital in Toronto. Now, according to Byczko, many of the features that made it unique on opening day have become standard design features and WRH is well positioned to build on the pioneering work of recently built hospitals, like Humber, look for opportunities to advance the use of smart technology systems and push the envelope even further.

Project Lead Catlin Campbell says there is no one definition for a smart hospital. The possibilities are endless when it comes to innovation and it is important to customize the use of technology to meet each organization’s needs.

“We don’t want to add technology for the sake of adding technology. It’s about building smart, and spending wisely.”

Members of the Angus Connect project team bring a wealth of experience to the project, having worked on the ICAT strategy for a number of hospital projects including the Michael Garron Hospital that opened earlier this year in Toronto and the Joseph Brant Hospital in Burlington. They are also working on the new South Niagara and Ottawa Hospital projects.

Over the next several months, they will work with WRH to develop an ICAT vision and standards for the use of technology in the new state-of-the-art hospital.

As part of the process, they will examine opportunities for traditional and innovative uses of technology, including everything

from nurse call, patient information, and entertainment systems to smart rooms and automated guided vehicles.

Users will be guided to think outside of the box and imagine how technology can help ensure a seamless and comfortable journey for patients and support staff in providing timely and efficient care.

Smart technology in hospitals offers a wide range of benefits that can significantly improve patient care, streamline operations and enhance overall efficiency.

Before joining Angus Connect, Smart Logistics Consultant Robyn Munro worked as a nurse at several hospitals, including the new Humber River. She says at Humber,

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Caitlin Campbell

Project Lead, Angus Connect



Chris Byczko

Digital Strategist, Angus Connect



Robyn Munro

Smart Logistics Consultant, Angus Connect



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she immediately felt safer and more supported in her job than she did in previous hospital environments and felt her patients were safer, more comfortable and better connected.

With a “real-time tracking system” she says she never felt isolated when working alone with patients and could easily connect with other nursing staff or the command centre with the click of a button.

Electronic medical records and test results available at the bedside allowed patients and families to play a more active role in care.

“With easy access to this information, patients have a better understanding of their care and treatment, ask more informed questions and are more comfortable making decisions.”

Using the same touch screen, patients can also order meals, adjust the lighting and temperature and see the name and title of hospital staff entering their room.

Munro says the smart-patient room will continue to get smarter as hospitals discover new ways to make use of advanced system capabilities, make use of data they provide and explore new system connections and integrations.

In developing an ICAT strategy, planning teams will look at what is working well and lessons learned from early adopters of advanced digital solutions. They also examine new and innovative ICAT solutions being explored and introduced in US hospitals.

“Even if that technology isn’t immediately adopted into the new build, we want to make sure the right infrastructure is in place to support it in the future,” said Munro.

She says it is impossible to imagine how technology will be used 20-30 years from now, but it is important to plan ahead and have the right pieces in place so the new facility can accommodate growth in the future and remain “state-of-the-art” for generations to come.

The final ICAT strategy is expected to take 4-6 months to complete and will be used to inform the final design of the hospital.

Special Visit from Ontario’s Infrastructure Minister

On a recent visit to the area, Ontario Infrastructure Minister Kinga Surma made a stop at WRH. She met with hospital and project leadership to discuss significant investments her government is making to improve hospital infrastructure for patients in Windsor-Essex, including the New Windsor/Essex Acute Care Hospital.

While here, she toured the Ouellette Campus with Windsor-Tecumseh MPP Andrew Dowie and Essex MPP Anthony Leardi and also made a stop at the New Windsor/Essex Acute Care Hospital site.

We look forward to continuing to work with all of our project partners in the coming months/years as we break ground and start construction of a new state-of-the-art hospital that will serve this region for generations to come.



Estimated Project Timeline

STAGE 1
Early Planning

- Proposal (completed in 2017)
- Functional Program (Jan. 2022 – June 2022)
- Block Diagrams (Nov. 2022 – April 2023)



We are here

STAGE 2
Detailed Planning
Pending review of Stage 1.3 submission

- Indicative Schematic Design
- Functional Output Specifications
- Procurement Docs and RFQ (Early 2025)
- RFP Process/Evaluation

STAGE 3
Construction
Beginning summer 2026

- Developer Selection/Contract Award
- Working Drawings
- Construction Phase
- Operational Readiness and Move In